

Data File : VX001009.D
Acq On : 20 Apr 2018 15:27
Operator : JC/MD
Sample : VX0420MBS01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0420MBS01

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:40 PM

Quant Time: Apr 21 05:56:40 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	331116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	217216	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	148363	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
35) Dibromofluoromethane	5.51	113	120739	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	8.72	98	440965	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
62) 4-Bromofluorobenzene	11.14	95	182855	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	65168	21.52	ug/l	98
3) Chloromethane	1.32	50	55344	19.62	ug/l	99
4) Vinyl Chloride	1.40	62	58452	20.00	ug/l	100
5) Bromomethane	1.65	94	40337	21.74	ug/l	99
6) Chloroethane	1.73	64	34109	19.64	ug/l	97
7) Trichlorofluoromethane	1.93	101	87522	19.93	ug/l	98
8) Diethyl Ether	2.19	74	32207	19.86	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50022	19.44	ug/l	98
10) Methyl Iodide	2.52	142	37183	20.02	ug/l	100
11) Tert butyl alcohol	3.07	59	48324	103.51	ug/l	98
12) 1,1-Dichloroethene	2.38	96	46933	19.73	ug/l	99
13) Acrolein	2.29	56	16919	122.17	ug/l	98
14) Allyl chloride	2.73	41	85044	19.75	ug/l	99
15) Acrylonitrile	3.15	53	123783	97.97	ug/l	99
16) Acetone	2.45	43	115019	98.67	ug/l	99
17) Carbon Disulfide	2.57	76	125870	18.56	ug/l	98
18) Methyl Acetate	2.78	43	77079	21.85	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	159215	19.90	ug/l	100
20) Methylene Chloride	2.86	84	50909	19.80	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	51001	19.25	ug/l	99
22) Diisopropyl ether	3.88	45	166524	19.98	ug/l	99
23) Vinyl Acetate	3.83	43	678865	98.37	ug/l	100
24) 1,1-Dichloroethane	3.70	63	91788	19.63	ug/l	98
25) 2-Butanone	4.71	43	181630	99.81	ug/l	98
26) 2,2-Dichloropropane	4.59	77	79389	19.74	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	58217	19.73	ug/l	100
28) Bromochloromethane	5.03	49	33228	18.48	ug/l	98
29) Tetrahydrofuran	5.17	42	112583	97.91	ug/l	99
30) Chloroform	5.22	83	95837	19.79	ug/l	100
31) Cyclohexane	5.59	56	83649	19.17	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	86041	19.82	ug/l	99
36) 1,1-Dichloropropene	5.81	75	73314	18.84	ug/l	99
37) Ethyl Acetate	4.87	43	71211	19.95	ug/l	99
38) Carbon Tetrachloride	5.79	117	74466	18.90	ug/l	98

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Quant Time: Apr 21 05:56:40 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	85085	18.79	ug/l	99
40) Benzene	6.15	78	210994	19.50	ug/l	99
41) Methacrylonitrile	5.07	41	41511	18.62	ug/l	98
42) 1,2-Dichloroethane	6.21	62	80957	19.50	ug/l	99
43) Isopropyl Acetate	6.47	43	119222	19.47	ug/l	99
44) Trichloroethene	7.22	130	63897	19.33	ug/l	95
45) 1,2-Dichloropropane	7.53	63	53738	19.76	ug/l	98
46) Dibromomethane	7.67	93	36886	19.41	ug/l	100
47) Bromodichloromethane	7.90	83	68423	19.43	ug/l	98
48) Methyl methacrylate	7.79	41	63789	19.35	ug/l	98
49) 1,4-Dioxane	7.76	88	18690	385.47	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	372148	100.09	ug/l	99
52) Toluene	8.79	92	138867	19.67	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	82417	19.57	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	77514	19.52	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	55126	19.64	ug/l	98
56) Ethyl methacrylate	9.19	69	81063	19.67	ug/l	98
57) 1,3-Dichloropropane	9.38	76	90412	19.45	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	202314	100.57	ug/l	100
59) 2-Hexanone	9.51	43	284886	100.10	ug/l	99
60) Dibromochloromethane	9.59	129	56938	19.32	ug/l	100
61) 1,2-Dibromoethane	9.68	107	58287	19.68	ug/l	99
64) Tetrachloroethene	9.34	164	65701	19.60	ug/l	99
65) Chlorobenzene	10.15	112	163351	19.44	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	56894	19.72	ug/l	99
67) Ethyl Benzene	10.26	91	272864	19.55	ug/l	98
68) m/p-Xylenes	10.37	106	213101	38.74	ug/l	100
69) o-Xylene	10.71	106	102958	19.41	ug/l	99
70) Styrene	10.72	104	169358	19.39	ug/l	99
71) Bromoform	10.87	173	44563	18.41	ug/l #	99
73) Isopropylbenzene	11.02	105	279814	19.70	ug/l	99
74) N-amyl acetate	6.47	43	119222	19.63	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	78943	19.64	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	75268m	19.97	ug/l	
77) Bromobenzene	11.26	156	80058	19.42	ug/l	98
78) n-propylbenzene	11.37	91	318547	19.54	ug/l	99
79) 2-Chlorotoluene	11.43	91	188767	19.60	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	237889	19.76	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	19079	17.77	ug/l	92
82) 4-Chlorotoluene	11.52	91	226297	19.44	ug/l	99
83) tert-Butylbenzene	11.77	119	238740	19.66	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	244572	19.74	ug/l	99
85) sec-Butylbenzene	11.95	105	284626	19.64	ug/l	100
86) p-Isopropyltoluene	12.07	119	263320	19.64	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	148777	19.28	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	152239	19.22	ug/l	99
89) n-Butylbenzene	12.40	91	233396	19.56	ug/l	99
90) Hexachloroethane	12.60	117	35426	18.64	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	144463	19.34	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16623	19.74	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042018\
Quantitation Report (QT Reviewed)

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	118982	18.97	ug/l	99
94) Hexachlorobutadiene	13.79	225	52051	18.34	ug/l	99
95) Naphthalene	13.84	128	309469	20.06	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115034	18.97	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

MMDadoda
4/23/2018 1:27:40 PM

Abundance

TIC: VX001009.D

Time-->

1300000

1250000

1200000

1150000

1100000

1050000

1000000

950000

900000

850000

800000

750000

700000

650000

600000

550000

500000

450000

400000

350000

300000

250000

200000

150000

100000

50000

0

1.00 2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Dichlorodifluoromethane, T

Vinyl chloride, P

Chloromethane, T

Bromomethane, T

Trichlorofluoromethane, T

Acrolein, T

Diethyl Ether, T

1,1-Dichloroethane, T

Methyl isopropyl sulfide, T

Methyl isobutyl sulfide, T

Methyl isobutyl chloride, T

Methyl isobutyl alcohol, T

1,1-Dichloroethane, P

Diisopropyl ether, T

Vinyl Acetate, T

2-Butanone, T

Ethyl Acetate, T

Chloroform, T

Chlorobenzene, T

Oxycetane, T

Dibromodichloromethane, T

Pentachlorobenzene, I

Carbon tetrachloride, T

1,2-Dichloroethane, T

1,2-Dichloroethane-d4, S

Neopentyl Acetate, T

1,4-Difluorobenzene, I

Trichloroethene, TM

1,2-Dichloroethane, T

Methylcyclohexane, T

1,4-Dibromodichloromethane, T

2-Chloroethyl Vinyl ether, T

1-1,3-Dichloropropene, T

Toluene, CM

cis-1,3-Dichloropropene, T

Ethyl acetate, T

1,3-Dichloropropene, T

1,2-Dichloroethane, T

1,1,1,2-Tetrachloroethane, T

Chlorobenzene-d5, I

m/p-Xylenes, T

Bromobenzene, P

trans-1,2-Dichloro-2-butene, T

Isopropylbenzene, T

4-Bromofluorobenzene, S

1,2,3-Trichloropropane, T

2-Chlorotoluene, T

1,2-Dichlorobenzene, T

1,3-Dichlorobenzene, T

1,4-Dichlorobenzene, T

Hexachloroethane, T

1,2-Dibromo-3-Chloropropane, T

1,2,4-Trichlorobenzene, T

Hexachlorobutadiene, T

Naphthalene, T

1,2,3-Trichlorobenzene, T

4-Chlorotoluene, T

4-Propyltoluene-d4, I

4-Propyltoluene, T

4-Propyltoluene, T