

Data File : VX001010.D
Acq On : 20 Apr 2018 15:52
Operator : JC/MD
Sample : VX0420MBSD01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0420MBSD01

Manual Integrations
APPROVED

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

Quant Time: Apr 21 05:58:22 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	232871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	210184	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	142176	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
35) Dibromofluoromethane	5.51	113	116208	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	8.72	98	420183	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
62) 4-Bromofluorobenzene	11.14	95	175450	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	63142	21.86	ug/l	97
3) Chloromethane	1.32	50	53480	19.89	ug/l	98
4) Vinyl Chloride	1.41	62	56395	20.23	ug/l	98
5) Bromomethane	1.65	94	38462	21.74	ug/l	97
6) Chloroethane	1.73	64	32924	19.88	ug/l	96
7) Trichlorofluoromethane	1.93	101	84540	20.19	ug/l	99
8) Diethyl Ether	2.19	74	31267	20.22	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48654	19.83	ug/l	100
10) Methyl Iodide	2.52	142	36772	20.48	ug/l	99
11) Tert butyl alcohol	3.07	59	45898	103.10	ug/l	99
12) 1,1-Dichloroethene	2.38	96	45452	20.03	ug/l	100
13) Acrolein	2.30	56	16384	123.90	ug/l	94
14) Allyl chloride	2.73	41	80859	19.69	ug/l	99
15) Acrylonitrile	3.15	53	117786	97.76	ug/l	99
16) Acetone	2.45	43	107516	96.72	ug/l	98
17) Carbon Disulfide	2.57	76	121861	18.85	ug/l	99
18) Methyl Acetate	2.78	43	72724	21.62	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	153771	20.16	ug/l	97
20) Methylene Chloride	2.86	84	49174	20.07	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	49023	19.41	ug/l	100
22) Diisopropyl ether	3.88	45	159550	20.07	ug/l	98
23) Vinyl Acetate	3.83	43	652982	99.23	ug/l	100
24) 1,1-Dichloroethane	3.70	63	87917	19.72	ug/l	99
25) 2-Butanone	4.71	43	171259	98.70	ug/l	99
26) 2,2-Dichloropropane	4.59	77	74551	19.44	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	55926	19.88	ug/l	99
28) Bromochloromethane	5.03	49	33423	19.49	ug/l	98
29) Tetrahydrofuran	5.17	42	109211	99.60	ug/l	100
30) Chloroform	5.23	83	91250	19.76	ug/l	96
31) Cyclohexane	5.59	56	80480	19.34	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	82111	19.83	ug/l	99
36) 1,1-Dichloropropene	5.81	75	70481	18.86	ug/l	99
37) Ethyl Acetate	4.87	43	66882	19.51	ug/l	99
38) Carbon Tetrachloride	5.79	117	71893	19.00	ug/l	98

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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)
39) Methylcyclohexane	7.47	83	82346	18.93	ug/l	98
40) Benzene	6.15	78	201335	19.38	ug/l	99
41) Methacrylonitrile	5.07	41	39936	18.66	ug/l	99
42) 1,2-Dichloroethane	6.21	62	77430	19.42	ug/l	100
43) Isopropyl Acetate	6.48	43	114771	19.52	ug/l	99
44) Trichloroethene	7.22	130	61686	19.43	ug/l	100
45) 1,2-Dichloropropane	7.52	63	52279	20.01	ug/l	99
46) Dibromomethane	7.67	93	35580	19.49	ug/l	98
47) Bromodichloromethane	7.90	83	64682	19.13	ug/l	98
48) Methyl methacrylate	7.79	41	61367	19.38	ug/l	99
49) 1,4-Dioxane	7.76	88	18034	387.28	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	355355	99.52	ug/l	98
52) Toluene	8.79	92	132719	19.57	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	78913	19.51	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	74296	19.48	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	52516	19.49	ug/l	99
56) Ethyl methacrylate	9.19	69	77888	19.68	ug/l	99
57) 1,3-Dichloropropane	9.38	76	85812	19.22	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	194004	100.42	ug/l	100
59) 2-Hexanone	9.51	43	267487	97.87	ug/l	99
60) Dibromochloromethane	9.59	129	54515	19.26	ug/l	100
61) 1,2-Dibromoethane	9.68	107	55939	19.67	ug/l	100
64) Tetrachloroethene	9.34	164	62836	19.63	ug/l	99
65) Chlorobenzene	10.15	112	155412	19.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54149	19.65	ug/l	99
67) Ethyl Benzene	10.26	91	259374	19.46	ug/l	99
68) m/p-Xylenes	10.37	106	202907	38.62	ug/l	98
69) o-Xylene	10.71	106	98010	19.35	ug/l	98
70) Styrene	10.72	104	163123	19.55	ug/l	100
71) Bromoform	10.87	173	42432	18.37	ug/l #	100
73) Isopropylbenzene	11.02	105	266859	19.42	ug/l	100
74) N-amyl acetate	6.48	43	114771	19.53	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	76444	19.65	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	71032m	19.48	ug/l	
77) Bromobenzene	11.26	156	76030	19.06	ug/l	98
78) n-propylbenzene	11.37	91	305568	19.37	ug/l	100
79) 2-Chlorotoluene	11.43	91	180551	19.37	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	226533	19.45	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18254	17.61	ug/l	93
82) 4-Chlorotoluene	11.52	91	215495	19.13	ug/l	100
83) tert-Butylbenzene	11.77	119	231304	19.68	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	233379	19.47	ug/l	99
85) sec-Butylbenzene	11.95	105	272272	19.41	ug/l	100
86) p-Isopropyltoluene	12.07	119	250274	19.29	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	141452	18.94	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	145951	19.04	ug/l	99
89) n-Butylbenzene	12.39	91	219779	19.04	ug/l	99
90) Hexachloroethane	12.60	117	34144	18.57	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	138494	19.16	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16372	20.09	ug/l	94

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

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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)
93) 1,2,4-Trichlorobenzene	13.65	180	114818	18.92	ug/l	99
94) Hexachlorobutadiene	13.79	225	50738	18.48	ug/l	98
95) Naphthalene	13.84	128	297069	19.91	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111433	18.99	ug/l	100

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

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