

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033018\
 Data File : VX000573.D
 Acq On : 30 Mar 2018 20:56
 Operator : JC/MD
 Sample : VX0330MBSD01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0330MBSD01

Manual Integrations
 APPROVED

sam
 4/4/2018 6:11:26 PM

Quant Time: Apr 04 11:21:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	166723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	282350	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181871	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	115350	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
35) Dibromofluoromethane	5.51	113	90056	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
50) Toluene-d8	8.73	98	372864	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	11.15	95	149734	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	29916	16.28	ug/l	94
3) Chloromethane	1.32	50	33339	17.22	ug/l	96
4) Vinyl Chloride	1.40	62	43914	21.47	ug/l	99
5) Bromomethane	1.64	94	39015	15.96	ug/l	95
6) Chloroethane	1.73	64	31814	27.48	ug/l	99
7) Trichlorofluoromethane	1.93	101	86599	23.46	ug/l	99
8) Diethyl Ether	2.20	74	31810	24.11	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48599	23.61	ug/l	93
10) Methyl Iodide	2.52	142	69505	35.44	ug/l	97
11) Tert butyl alcohol	3.08	59	79989	106.85	ug/l	98
12) 1,1-Dichloroethene	2.38	96	45658	25.27	ug/l	90
13) Acrolein	2.30	56	51553	217.68	ug/l	96
14) Allyl chloride	2.73	41	72390	22.62	ug/l	98
15) Acrylonitrile	3.16	53	163776	108.02	ug/l	98
16) Acetone	2.45	43	177451	98.02	ug/l	97
17) Carbon Disulfide	2.57	76	112469	23.40	ug/l	97
18) Methyl Acetate	2.79	43	80924	21.32	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	157208	23.52	ug/l	96
20) Methylene Chloride	2.87	84	53532	25.60	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	49854	24.73	ug/l	99
22) Diisopropyl ether	3.88	45	96521	17.09	ug/l	97
23) Vinyl Acetate	3.84	43	456220	85.19	ug/l	99
24) 1,1-Dichloroethane	3.70	63	51505	14.50	ug/l	98
25) 2-Butanone	4.72	43	179994	88.45	ug/l	96
26) 2,2-Dichloropropane	4.60	77	46878	18.83	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	36717	19.49	ug/l	100
28) Bromochloromethane	5.03	49	28229	19.27	ug/l	97
29) Tetrahydrofuran	5.18	42	112255	89.66	ug/l	99
30) Chloroform	5.23	83	65764	19.76	ug/l	96
31) Cyclohexane	5.59	56	50520	18.40	ug/l	94
32) 1,1,1-Trichloroethane	5.51	97	58206	19.38	ug/l	99
36) 1,1-Dichloropropene	5.81	75	49945	18.88	ug/l	99
37) Ethyl Acetate	4.88	43	61324	16.97	ug/l	98
38) Carbon Tetrachloride	5.79	117	50980	18.37	ug/l	97

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033018\
 Data File : VX000573.D
 Acq On : 30 Mar 2018 20:56
 Operator : JC/MD
 Sample : VX0330MBSD01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0330MBSD01

Manual Integrations
 APPROVED

sam
 4/4/2018 6:11:26 PM

Quant Time: Apr 04 11:21:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	60783	18.90	ug/l	98
40) Benzene	6.15	78	143438	18.68	ug/l	98
41) Methacrylonitrile	5.07	41	32396	17.01	ug/l	98
42) 1,2-Dichloroethane	6.21	62	57568	19.10	ug/l	99
43) Isopropyl Acetate	6.48	43	97538	18.14	ug/l	99
44) Trichloroethene	7.23	130	43032	19.56	ug/l	96
45) 1,2-Dichloropropane	7.53	63	36648	18.64	ug/l	97
46) Dibromomethane	7.67	93	29351	19.02	ug/l	99
47) Bromodichloromethane	7.91	83	51409	18.93	ug/l	99
48) Methyl methacrylate	7.79	41	48666	18.64	ug/l	99
49) 1,4-Dioxane	7.77	88	21253	387.27	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	374292	89.92	ug/l	99
52) Toluene	8.79	92	103416	19.26	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	59139	18.80	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	58229	19.08	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	43329	19.62	ug/l	98
56) Ethyl methacrylate	9.19	69	63451	18.96	ug/l	98
57) 1,3-Dichloropropane	9.38	76	69161	19.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	157777	98.25	ug/l	99
59) 2-Hexanone	9.51	43	311215	88.05	ug/l	100
60) Dibromochloromethane	9.59	129	43231	19.30	ug/l	99
61) 1,2-Dibromoethane	9.68	107	47523	20.07	ug/l	100
64) Tetrachloroethene	9.34	164	42925	18.28	ug/l	96
65) Chlorobenzene	10.15	112	125732	18.67	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	41537	18.16	ug/l	99
67) Ethyl Benzene	10.26	91	208579	18.27	ug/l	100
68) m/p-Xylenes	10.37	106	169182	37.67	ug/l	97
69) o-Xylene	10.71	106	81835	18.82	ug/l	99
70) Styrene	10.72	104	135516	18.83	ug/l	97
71) Bromoform	10.87	173	33019	17.30	ug/l #	97
73) Isopropylbenzene	11.02	105	222023	18.43	ug/l	100
74) N-amyl acetate	6.48	43	97538	16.35	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	76615	17.98	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	75319m	19.27	ug/l	
77) Bromobenzene	11.26	156	55912	17.42	ug/l	99
78) n-propylbenzene	11.37	91	259681	18.07	ug/l	100
79) 2-Chlorotoluene	11.43	91	148603	17.90	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	189100	18.66	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19386	16.06	ug/l	96
82) 4-Chlorotoluene	11.52	91	180820	18.24	ug/l	99
83) tert-Butylbenzene	11.78	119	189017	18.50	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	197809	18.62	ug/l	99
85) sec-Butylbenzene	11.96	105	231422	18.30	ug/l	100
86) p-Isopropyltoluene	12.07	119	209017	18.61	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	112334	18.51	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	117442	18.43	ug/l	98
89) n-Butylbenzene	12.40	91	190768	18.25	ug/l	99
90) Hexachloroethane	12.60	117	24156	13.67	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	108752	18.28	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18594	15.64	ug/l	95

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033018\
Data File : VX000573.D
Acq On : 30 Mar 2018 20:56
Operator : JC/MD
Sample : VX0330MBSD01
Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBSD01

Manual Integrations
APPROVED

sam
4/4/2018 6:11:26 PM

Quant Time: Apr 04 11:21:57 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	79608	18.66	ug/l	100
94) Hexachlorobutadiene	13.79	225	29836	16.89	ug/l	97
95) Naphthalene	13.84	128	280413	18.87	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	80096	19.00	ug/l	98

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

