

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001253.D
 Acq On : 29 Apr 2018 09:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 5/1/2018 7:44:59 PM

Quant Time: Apr 30 04:06:03 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	193437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	258227	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	252593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	175981	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	131403	43.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.64%	
35) Dibromofluoromethane	5.51	113	107638	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	8.72	98	409728	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.14	95	158817	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103272	50.91	ug/l	97
3) Chloromethane	1.32	50	102937	48.45	ug/l	100
4) Vinyl Chloride	1.41	62	109199	48.44	ug/l	99
5) Bromomethane	1.64	94	88489	64.85	ug/l	98
6) Chloroethane	1.73	64	69801	49.20	ug/l	100
7) Trichlorofluoromethane	1.93	101	191814	52.69	ug/l	99
8) Diethyl Ether	2.19	74	66767	47.70	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	106429	53.06	ug/l	100
10) Methyl Iodide	2.51	142	116122	54.86	ug/l	98
11) Tert butyl alcohol	3.07	59	120358	203.55	ug/l	99
12) 1,1-Dichloroethene	2.38	96	97790	49.99	ug/l	100
13) Acrolein	2.30	56	40620	181.71	ug/l	100
14) Allyl chloride	2.73	41	167250	46.87	ug/l	97
15) Acrylonitrile	3.15	53	279036	220.98	ug/l	98
16) Acetone	2.45	43	253429	205.53	ug/l	100
17) Carbon Disulfide	2.57	76	245342	49.16	ug/l	99
18) Methyl Acetate	2.78	43	152023	49.27	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	345490	47.98	ug/l	100
20) Methylene Chloride	2.86	84	108350	47.18	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	105919	48.98	ug/l	98
22) Diisopropyl ether	3.88	45	341620	47.85	ug/l	97
23) Vinyl Acetate	3.83	43	1393891	230.12	ug/l	100
24) 1,1-Dichloroethane	3.70	63	179983	47.96	ug/l	99
25) 2-Butanone	4.71	43	385856	209.14	ug/l	99
26) 2,2-Dichloropropane	4.59	77	87180	29.52	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	117154	49.48	ug/l	95
28) Bromochloromethane	5.03	49	91398	54.32	ug/l	97
29) Tetrahydrofuran	5.17	42	252222	212.62	ug/l	99
30) Chloroform	5.23	83	203363	50.96	ug/l	100
31) Cyclohexane	5.58	56	163218	51.20	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	177879	51.64	ug/l	98
36) 1,1-Dichloropropene	5.81	75	147672	51.89	ug/l	99
37) Ethyl Acetate	4.87	43	153981	45.19	ug/l	99
38) Carbon Tetrachloride	5.79	117	158616	54.36	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	167577	53.21	ug/l	99
40) Benzene	6.15	78	434280	52.76	ug/l	98
41) Methacrylonitrile	5.07	41	90061	47.03	ug/l	98
42) 1,2-Dichloroethane	6.21	62	167417	50.47	ug/l	100
43) Isopropyl Acetate	6.47	43	256141	47.86	ug/l	100
44) Trichloroethene	7.22	130	129309	52.73	ug/l	96
45) 1,2-Dichloropropane	7.52	63	111699	51.59	ug/l	98
46) Dibromomethane	7.67	93	79328	52.91	ug/l	98
47) Bromodichloromethane	7.90	83	148149	54.39	ug/l	99
48) Methyl methacrylate	7.79	41	135543	47.65	ug/l	98
49) 1,4-Dioxane	7.76	88	49168	863.30	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	840762	239.16	ug/l	99
52) Toluene	8.79	92	290783	54.02	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	160443	50.67	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	152936	44.84	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	117726	51.69	ug/l	99
56) Ethyl methacrylate	9.19	69	172384	51.09	ug/l	98
57) 1,3-Dichloropropane	9.38	76	190384	51.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	391180	245.22	ug/l	100
59) 2-Hexanone	9.50	43	648806	235.55	ug/l	98
60) Dibromochloromethane	9.59	129	129199	48.66	ug/l	99
61) 1,2-Dibromoethane	9.68	107	127342	53.37	ug/l	99
64) Tetrachloroethene	9.34	164	152023	56.38	ug/l	97
65) Chlorobenzene	10.15	112	340625	51.47	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	126478	55.24	ug/l	99
67) Ethyl Benzene	10.26	91	569825	52.99	ug/l	98
68) m/p-Xylenes	10.37	106	454282	106.87	ug/l	100
69) o-Xylene	10.70	106	217980	52.87	ug/l	99
70) Styrene	10.72	104	371131	54.09	ug/l	100
71) Bromoform	10.87	173	106828	44.91	ug/l	100
73) Isopropylbenzene	11.02	105	592861	51.69	ug/l	100
74) N-amyl acetate	6.47	43	256141	44.32	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	181772	47.76	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	165345m	46.14	ug/l	
77) Bromobenzene	11.26	156	173384	50.97	ug/l	98
78) n-propylbenzene	11.37	91	667287	52.17	ug/l	100
79) 2-Chlorotoluene	11.43	91	402473	50.76	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	510190	52.54	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	37743	35.19	ug/l	98
82) 4-Chlorotoluene	11.52	91	486912	51.67	ug/l	100
83) tert-Butylbenzene	11.77	119	506237	52.24	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	526377	52.73	ug/l	99
85) sec-Butylbenzene	11.95	105	593782	52.45	ug/l	99
86) p-Isopropyltoluene	12.07	119	553043	52.51	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	316758	51.87	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	322205	50.64	ug/l	99
89) n-Butylbenzene	12.40	91	472041	51.79	ug/l	100
90) Hexachloroethane	12.60	117	81761	48.24	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	317661	51.47	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39433	46.95	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	241454	49.90	ug/l	100
94) Hexachlorobutadiene	13.79	225	112113	49.29	ug/l	99
95) Naphthalene	13.84	128	662175	49.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	239788	49.80	ug/l	100

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

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