

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001227.D
 Acq On : 28 Apr 2018 21:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 5/1/2018 7:46:22 PM

Quant Time: Apr 30 03:18:31 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	192944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	259995	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	249324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	172362	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	136969	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
35) Dibromofluoromethane	5.51	113	112043	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
50) Toluene-d8	8.72	98	424864	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	11.14	95	165113	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	100754	49.79	ug/l	99
3) Chloromethane	1.32	50	95354	45.00	ug/l	100
4) Vinyl Chloride	1.40	62	108981	48.47	ug/l	99
5) Bromomethane	1.64	94	74437	54.33	ug/l	100
6) Chloroethane	1.72	64	69950	49.43	ug/l	98
7) Trichlorofluoromethane	1.93	101	190597	52.49	ug/l	99
8) Diethyl Ether	2.19	74	67630	48.44	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	105897	52.93	ug/l	99
10) Methyl Iodide	2.51	142	135585	62.99	ug/l	98
11) Tert butyl alcohol	3.09	59	117090	198.53	ug/l	99
12) 1,1-Dichloroethene	2.37	96	96507	49.46	ug/l	97
13) Acrolein	2.30	56	42394	190.14	ug/l	97
14) Allyl chloride	2.73	41	174670	49.07	ug/l	97
15) Acrylonitrile	3.16	53	277980	220.71	ug/l	99
16) Acetone	2.45	43	257586	209.43	ug/l	99
17) Carbon Disulfide	2.57	76	244459	49.10	ug/l	99
18) Methyl Acetate	2.78	43	147510	47.93	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	346567	48.25	ug/l	99
20) Methylene Chloride	2.86	84	107063	46.74	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	104239	48.33	ug/l	99
22) Diisopropyl ether	3.88	45	332763	46.73	ug/l	94
23) Vinyl Acetate	3.84	43	1416635	234.48	ug/l	100
24) 1,1-Dichloroethane	3.70	63	175485	46.88	ug/l	99
25) 2-Butanone	4.72	43	373634	203.03	ug/l	99
26) 2,2-Dichloropropane	4.59	77	123936	42.07	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	113764	48.17	ug/l	98
28) Bromochloromethane	5.03	49	88003	52.44	ug/l	98
29) Tetrahydrofuran	5.18	42	242122	204.63	ug/l	99
30) Chloroform	5.23	83	193295	48.56	ug/l	99
31) Cyclohexane	5.58	56	156857	49.33	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	172758	50.28	ug/l	99
36) 1,1-Dichloropropene	5.81	75	142745	49.82	ug/l	100
37) Ethyl Acetate	4.88	43	150330	43.81	ug/l	100
38) Carbon Tetrachloride	5.79	117	155081	52.79	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	160516	50.62	ug/l	96
40) Benzene	6.15	78	420776	50.77	ug/l	99
41) Methacrylonitrile	5.07	41	85057	44.12	ug/l	98
42) 1,2-Dichloroethane	6.21	62	164928	49.38	ug/l	100
43) Isopropyl Acetate	6.48	43	250285	46.45	ug/l	99
44) Trichloroethene	7.22	130	125625	50.88	ug/l	95
45) 1,2-Dichloropropane	7.53	63	108659	49.85	ug/l	99
46) Dibromomethane	7.67	93	76405	50.62	ug/l	99
47) Bromodichloromethane	7.91	83	143754	52.41	ug/l	100
48) Methyl methacrylate	7.79	41	131703	45.98	ug/l	97
49) 1,4-Dioxane	7.76	88	45980	801.84	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	827399	233.76	ug/l	98
52) Toluene	8.79	92	279875	51.64	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	163859	51.39	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	155725	45.31	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	114597	49.98	ug/l	99
56) Ethyl methacrylate	9.19	69	168763	49.67	ug/l	98
57) 1,3-Dichloropropane	9.38	76	185036	49.88	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	394225	245.45	ug/l	100
59) 2-Hexanone	9.51	43	628149	226.50	ug/l	99
60) Dibromochloromethane	9.59	129	126446	47.39	ug/l	100
61) 1,2-Dibromoethane	9.68	107	122737	51.09	ug/l	100
64) Tetrachloroethene	9.34	164	137503	51.67	ug/l	98
65) Chlorobenzene	10.15	112	331389	50.73	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	121711	53.85	ug/l	100
67) Ethyl Benzene	10.26	91	553349	52.14	ug/l	100
68) m/p-Xylenes	10.37	106	437226	104.20	ug/l	99
69) o-Xylene	10.71	106	211104	51.87	ug/l	99
70) Styrene	10.72	104	355946	52.55	ug/l	100
71) Bromoform	10.87	173	103529	44.19	ug/l	99
73) Isopropylbenzene	11.02	105	567833	50.54	ug/l	100
74) N-amyl acetate	6.48	43	250285	44.21	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	174928	46.93	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	161895m	46.13	ug/l	
77) Bromobenzene	11.26	156	166512	49.98	ug/l	98
78) n-propylbenzene	11.37	91	643355	51.36	ug/l	100
79) 2-Chlorotoluene	11.43	91	388826	50.07	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	488196	51.33	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	39710	37.42	ug/l	97
82) 4-Chlorotoluene	11.52	91	467196	50.62	ug/l	100
83) tert-Butylbenzene	11.77	119	490070	51.63	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	503833	51.53	ug/l	99
85) sec-Butylbenzene	11.95	105	572113	51.60	ug/l	99
86) p-Isopropyltoluene	12.07	119	529203	51.30	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	301786	50.46	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	306654	49.21	ug/l	100
89) n-Butylbenzene	12.40	91	448762	50.27	ug/l	100
90) Hexachloroethane	12.60	117	78911	47.58	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	304669	50.40	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	38209	46.45	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	230077	48.55	ug/l	99
94) Hexachlorobutadiene	13.79	225	103008	46.24	ug/l	99
95) Naphthalene	13.84	128	636343	48.19	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	230542	48.89	ug/l	99

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

