

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001636.D
 Acq On : 11 May 2018 13:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 5/14/2018 3:58:11 PM

Quant Time: May 12 03:34:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221504	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	161765	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	
35) Dibromofluoromethane	5.51	113	137082	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
50) Toluene-d8	8.72	98	492679	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
62) 4-Bromofluorobenzene	11.14	95	186869	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	170423	48.99	ug/l	98
3) Chloromethane	1.32	50	153069	45.18	ug/l	100
4) Vinyl Chloride	1.41	62	167535	47.38	ug/l	99
5) Bromomethane	1.64	94	72548	44.45	ug/l	100
6) Chloroethane	1.71	64	110325	47.21	ug/l	100
7) Trichlorofluoromethane	1.93	101	261100	49.07	ug/l	99
8) Diethyl Ether	2.19	74	100930	48.39	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	160389	51.41	ug/l	99
10) Methyl Iodide	2.51	142	159185	35.36	ug/l	99
11) Tert butyl alcohol	3.08	59	171216	218.64	ug/l	100
12) 1,1-Dichloroethene	2.37	96	139255	48.70	ug/l	99
13) Acrolein	2.30	56	23546	147.76	ug/l	98
14) Allyl chloride	2.73	41	263759	49.47	ug/l	100
15) Acrylonitrile	3.15	53	402493	227.46	ug/l	100
16) Acetone	2.45	43	406497	241.03	ug/l	98
17) Carbon Disulfide	2.57	76	338108	46.46	ug/l	100
18) Methyl Acetate	2.78	43	222727	50.27	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	494334	49.65	ug/l	97
20) Methylene Chloride	2.85	84	154825	46.37	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	149401	46.82	ug/l	99
22) Diisopropyl ether	3.87	45	514486	51.65	ug/l	97
23) Vinyl Acetate	3.83	43	2131789	256.80	ug/l	100
24) 1,1-Dichloroethane	3.70	63	280853	50.47	ug/l	99
25) 2-Butanone	4.71	43	586534	240.59	ug/l	99
26) 2,2-Dichloropropane	4.59	77	242567	56.45	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	173091	50.93	ug/l	98
28) Bromochloromethane	5.03	49	118547	49.14	ug/l	99
29) Tetrahydrofuran	5.17	42	355543	227.94	ug/l	100
30) Chloroform	5.22	83	297060	51.83	ug/l	99
31) Cyclohexane	5.57	56	248581	52.01	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	266531	53.21	ug/l	98
36) 1,1-Dichloropropene	5.80	75	216033	52.63	ug/l	99
37) Ethyl Acetate	4.87	43	218829	48.63	ug/l	100
38) Carbon Tetrachloride	5.79	117	241924	55.26	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	268099	55.24	ug/l	99
40) Benzene	6.15	78	639116	53.30	ug/l	98
41) Methacrylonitrile	5.07	41	128118	49.76	ug/l	99
42) 1,2-Dichloroethane	6.20	62	240759	52.24	ug/l	100
43) Isopropyl Acetate	6.47	43	363300	52.59	ug/l	99
44) Trichloroethene	7.22	130	195770	53.42	ug/l	100
45) 1,2-Dichloropropane	7.52	63	160736	53.77	ug/l	99
46) Dibromomethane	7.66	93	109591	51.79	ug/l	99
47) Bromodichloromethane	7.90	83	221456	56.55	ug/l	99
48) Methyl methacrylate	7.78	41	193153	51.35	ug/l	99
49) 1,4-Dioxane	7.76	88	77646	955.46	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1173073	255.55	ug/l	100
52) Toluene	8.79	92	428400	54.64	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	260136	58.77	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	243808	53.13	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	171668	54.35	ug/l	98
56) Ethyl methacrylate	9.19	69	252182	55.39	ug/l	100
57) 1,3-Dichloropropane	9.38	76	269945	51.69	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	626595	280.58	ug/l	100
59) 2-Hexanone	9.51	43	881143	250.67	ug/l	99
60) Dibromochloromethane	9.59	129	182350	56.37	ug/l	99
61) 1,2-Dibromoethane	9.68	107	173468	52.31	ug/l	99
64) Tetrachloroethene	9.34	164	230373	54.69	ug/l	98
65) Chlorobenzene	10.14	112	475417	53.64	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	179619	56.66	ug/l	100
67) Ethyl Benzene	10.26	91	795259	54.75	ug/l	100
68) m/p-Xylenes	10.37	106	635633	110.74	ug/l	99
69) o-Xylene	10.70	106	310193	55.61	ug/l	100
70) Styrene	10.72	104	514937	56.82	ug/l	98
71) Bromoform	10.87	173	149785	49.19	ug/l	100
73) Isopropylbenzene	11.02	105	848492	55.33	ug/l	100
74) N-amyl acetate	6.47	43	363300	52.16	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	239133	52.80	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	228201m	50.80	ug/l	
77) Bromobenzene	11.26	156	235517	52.83	ug/l	99
78) n-propylbenzene	11.37	91	954445	57.16	ug/l	99
79) 2-Chlorotoluene	11.43	91	556491	54.16	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	710576	55.66	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	68618	48.81	ug/l	97
82) 4-Chlorotoluene	11.52	91	651730	54.98	ug/l	99
83) tert-Butylbenzene	11.77	119	705110	55.51	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	732436	55.82	ug/l	99
85) sec-Butylbenzene	11.95	105	876505	57.49	ug/l	100
86) p-Isopropyltoluene	12.07	119	813681	58.17	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	436393	54.76	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	439500	54.07	ug/l	100
89) n-Butylbenzene	12.40	91	680862	58.75	ug/l	100
90) Hexachloroethane	12.60	117	124770	59.24	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	436339	53.82	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53660	53.93	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	343600	57.91	ug/l	100
94) Hexachlorobutadiene	13.79	225	189658	58.42	ug/l	100
95) Naphthalene	13.84	128	917261	55.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	347892	57.15	ug/l	100

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

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