

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031518\
 Data File : VX000323.D
 Acq On : 15 Mar 2018 12:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC50

Manual Integrations
 APPROVED

apatel
 3/16/2018 3:43:15 PM

Quant Time: Mar 16 02:45:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	139094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	220908	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	223661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	144754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	80670	41.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.84%	
35) Dibromofluoromethane	5.52	113	63552	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	
50) Toluene-d8	8.73	98	254858	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	
62) 4-Bromofluorobenzene	11.15	95	105027	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59405	39.65	ug/l	99
3) Chloromethane	1.32	50	58457	38.27	ug/l	99
4) Vinyl Chloride	1.41	62	67397	39.40	ug/l	98
5) Bromomethane	1.64	94	82325	43.12	ug/l	97
6) Chloroethane	1.73	64	43992	36.18	ug/l	96
7) Trichlorofluoromethane	1.93	101	120950	40.71	ug/l	99
8) Diethyl Ether	2.20	74	42971	40.63	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69762	43.60	ug/l	97
10) Methyl Iodide	2.52	142	69202	42.81	ug/l	99
11) Tert butyl alcohol	3.07	59	126315	202.88	ug/l	99
12) 1,1-Dichloroethene	2.38	96	59314	39.07	ug/l	92
13) Acrolein	2.30	56	62353	232.79	ug/l	99
14) Allyl chloride	2.73	41	110230	40.71	ug/l	98
15) Acrylonitrile	3.15	53	248505	207.01	ug/l	99
16) Acetone	2.45	43	275272	214.25	ug/l	97
17) Carbon Disulfide	2.57	76	162162	36.56	ug/l	98
18) Methyl Acetate	2.78	43	122363	42.56	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	228289	42.71	ug/l	98
20) Methylene Chloride	2.87	84	68335	41.08	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	65145	38.81	ug/l	96
22) Diisopropyl ether	3.87	45	215550	47.83	ug/l	94
23) Vinyl Acetate	3.83	43	1049155	244.27	ug/l	99
24) 1,1-Dichloroethane	3.70	63	122018	43.04	ug/l	100
25) 2-Butanone	4.71	43	344882	224.59	ug/l	99
26) 2,2-Dichloropropane	4.59	77	91943	44.93	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	65127	42.47	ug/l	99
28) Bromochloromethane	5.03	49	58140	48.80	ug/l	99
29) Tetrahydrofuran	5.17	42	223331	225.96	ug/l	98
30) Chloroform	5.23	83	121374	45.35	ug/l	96
31) Cyclohexane	5.59	56	95126	43.73	ug/l	93
32) 1,1,1-Trichloroethane	5.51	97	107020	45.25	ug/l	98
36) 1,1-Dichloropropene	5.81	75	90253	44.96	ug/l	99
37) Ethyl Acetate	4.87	43	121650	45.60	ug/l	99
38) Carbon Tetrachloride	5.79	117	94417	46.66	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	109823	46.91	ug/l	97
40) Benzene	6.15	78	259390	45.55	ug/l	99
41) Methacrylonitrile	5.07	41	64114	45.77	ug/l	98
42) 1,2-Dichloroethane	6.20	62	104185	46.16	ug/l	99
43) Isopropyl Acetate	6.47	43	189123	49.12	ug/l	99
44) Trichloroethene	7.22	130	75365	45.67	ug/l	91
45) 1,2-Dichloropropane	7.52	63	69200	49.27	ug/l	98
46) Dibromomethane	7.67	93	53308	47.25	ug/l	99
47) Bromodichloromethane	7.91	83	99487	49.68	ug/l	99
48) Methyl methacrylate	7.79	41	92125	47.32	ug/l	99
49) 1,4-Dioxane	7.76	88	37791	862.81	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	722154	241.52	ug/l	98
52) Toluene	8.79	92	180667	45.16	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	114286	49.45	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	114285	50.56	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	76260	47.51	ug/l	100
56) Ethyl methacrylate	9.19	69	120162	50.56	ug/l	100
57) 1,3-Dichloropropane	9.38	76	124772	47.99	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	295951	292.27	ug/l	99
59) 2-Hexanone	9.51	43	617915	245.29	ug/l	99
60) Dibromochloromethane	9.59	129	84328	49.69	ug/l	100
61) 1,2-Dibromoethane	9.68	107	83982	47.20	ug/l	99
64) Tetrachloroethene	9.34	164	72725	50.59	ug/l	97
65) Chlorobenzene	10.15	112	219142	48.11	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	76758	50.11	ug/l	100
67) Ethyl Benzene	10.26	91	378990	48.81	ug/l	98
68) m/p-Xylenes	10.37	106	303128	100.19	ug/l	99
69) o-Xylene	10.71	106	145084	49.37	ug/l	99
70) Styrene	10.72	104	248434	50.94	ug/l	99
71) Bromoform	10.87	173	68638	44.68	ug/l #	95
73) Isopropylbenzene	11.02	105	403936	46.33	ug/l	100
74) N-amyl acetate	6.47	43	189123	45.31	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	141654	45.64	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	128677m	49.17	ug/l	
77) Bromobenzene	11.26	156	102395	44.75	ug/l	99
78) n-propylbenzene	11.37	91	486257	46.25	ug/l	100
79) 2-Chlorotoluene	11.43	91	272407	45.66	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	354654	47.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	43773	45.84	ug/l	97
82) 4-Chlorotoluene	11.52	91	350131	47.75	ug/l	99
83) tert-Butylbenzene	11.78	119	347265	47.93	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	374405	49.03	ug/l	99
85) sec-Butylbenzene	11.96	105	442501	48.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	402437	49.85	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	204481	45.53	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	216304	46.35	ug/l	98
89) n-Butylbenzene	12.40	91	387970	49.43	ug/l	99
90) Hexachloroethane	12.60	117	64320	49.68	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	204207	46.95	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40638	48.37	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	145361	46.39	ug/l	100
94) Hexachlorobutadiene	13.79	225	57262	46.33	ug/l	100
95) Naphthalene	13.85	128	517527	47.60	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	146638	46.33	ug/l	99

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

