

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002190.D
 Acq On : 31 May 2018 21:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/1/2018 6:37:12 PM

Quant Time: Jun 01 04:17:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311640	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	203988	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	164593	41.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.50%	
35) Dibromofluoromethane	5.51	113	127797	41.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.02%	
50) Toluene-d8	8.72	98	476995	42.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.56%	
62) 4-Bromofluorobenzene	11.14	95	192794	43.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113192	40.628	ug/l	98
3) Chloromethane	1.32	50	146689	43.227	ug/l	99
4) Vinyl Chloride	1.41	62	160221	48.899	ug/l	100
5) Bromomethane	1.64	94	88053	58.547	ug/l	97
6) Chloroethane	1.72	64	104266	53.981	ug/l	100
7) Trichlorofluoromethane	1.93	101	261559	53.156	ug/l	100
8) Diethyl Ether	2.19	74	99067	55.489	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	147003	53.538	ug/l	97
10) Methyl Iodide	2.51	142	173732	46.763	ug/l	97
11) Tert butyl alcohol	3.08	59	219319	283.408	ug/l	98
12) 1,1-Dichloroethene	2.37	96	133294	51.851	ug/l	93
13) Acrolein	2.30	56	66154	197.716	ug/l	98
14) Allyl chloride	2.73	41	287468	53.272	ug/l	97
15) Acrylonitrile	3.15	53	446115	280.337	ug/l	99
16) Acetone	2.45	43	419952	276.014	ug/l	100
17) Carbon Disulfide	2.57	76	321107	43.401	ug/l	99
18) Methyl Acetate	2.78	43	225070	61.672	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	529820	54.797	ug/l	100
20) Methylene Chloride	2.86	84	156921	59.897	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	143344	57.512	ug/l	98
22) Diisopropyl ether	3.88	45	527280	48.038	ug/l	99
23) Vinyl Acetate	3.83	43	2268859	249.311	ug/l	99
24) 1,1-Dichloroethane	3.70	63	258265	49.533	ug/l	100
25) 2-Butanone	4.71	43	622110	223.089	ug/l	100
26) 2,2-Dichloropropane	4.59	77	192304	36.439	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	153155	45.688	ug/l	97
28) Bromochloromethane	5.03	49	132828	61.080	ug/l	100
29) Tetrahydrofuran	5.17	42	410804	226.423	ug/l	100
30) Chloroform	5.22	83	272984	46.472	ug/l	98
31) Cyclohexane	5.58	56	241150	44.392	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	242982	44.369	ug/l	98
36) 1,1-Dichloropropene	5.81	75	196740	45.386	ug/l	99
37) Ethyl Acetate	4.87	43	243977	43.172	ug/l	99
38) Carbon Tetrachloride	5.79	117	211726	41.886	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241532	45.354	ug/l	98
40) Benzene	6.15	78	597383	47.040	ug/l	99
41) Methacrylonitrile	5.07	41	139915	46.830	ug/l	99
42) 1,2-Dichloroethane	6.20	62	236032	46.529	ug/l	99
43) Isopropyl Acetate	6.47	43	415798	44.157	ug/l	99
44) Trichloroethene	7.22	130	168833	45.621	ug/l	99
45) 1,2-Dichloropropane	7.52	63	157987	45.809	ug/l	99
46) Dibromomethane	7.67	93	105006	45.986	ug/l	98
47) Bromodichloromethane	7.90	83	201267	41.339	ug/l	99
48) Methyl methacrylate	7.78	41	212170	44.271	ug/l	98
49) 1,4-Dioxane	7.76	88	80706	955.635	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1335450	235.268	ug/l	100
52) Toluene	8.79	92	388076	48.017	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	240412	42.873	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	229683	42.034	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	158987	47.089	ug/l	98
56) Ethyl methacrylate	9.19	69	259042	44.606	ug/l	98
57) 1,3-Dichloropropane	9.38	76	263942	47.454	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	574376	223.148	ug/l	100
59) 2-Hexanone	9.50	43	1027184	234.688	ug/l	99
60) Dibromochloromethane	9.59	129	166909	41.737	ug/l	99
61) 1,2-Dibromoethane	9.68	107	167497	47.279	ug/l	100
64) Tetrachloroethene	9.34	164	196984	45.931	ug/l	99
65) Chlorobenzene	10.14	112	438803	46.303	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	165691	43.298	ug/l	99
67) Ethyl Benzene	10.26	91	773992	47.007	ug/l	100
68) m/p-Xylenes	10.37	106	598059	95.019	ug/l	98
69) o-Xylene	10.70	106	293042	46.629	ug/l	100
70) Styrene	10.72	104	489767	46.992	ug/l	100
71) Bromoform	10.86	173	130975	36.095	ug/l #	99
73) Isopropylbenzene	11.02	105	796188	46.092	ug/l	99
74) N-amyl acetate	6.47	43	415798	46.158	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	236288	50.015	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	244419m	49.885	ug/l	
77) Bromobenzene	11.26	156	211985	46.254	ug/l	97
78) n-propylbenzene	11.37	91	906029	46.831	ug/l	99
79) 2-Chlorotoluene	11.43	91	539355	50.860	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	680826	46.120	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	69291	33.989	ug/l	90
82) 4-Chlorotoluene	11.51	91	631893	46.309	ug/l	100
83) tert-Butylbenzene	11.77	119	654690	45.194	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	700593	45.925	ug/l	100
85) sec-Butylbenzene	11.95	105	806487	46.313	ug/l	99
86) p-Isopropyltoluene	12.07	119	732817	47.029	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	380957	46.415	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	385076	46.928	ug/l	100
89) n-Butylbenzene	12.39	91	624802	47.321	ug/l	100
90) Hexachloroethane	12.60	117	111841	36.387	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	390425	46.687	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57231	37.265	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	277898	46.472	ug/l	100
94) Hexachlorobutadiene	13.79	225	144458	44.908	ug/l	100
95) Naphthalene	13.84	128	844971	45.864	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	286590	46.317	ug/l	100

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

