

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006308.D
 Acq On : 06 Dec 2018 10:35
 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

MMDadoda
 12/7/2018 11:18:59 AM

Quant Time: Dec 07 04:37:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	683335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	985591	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	895288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	475516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	338743	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	5.50	113	330818	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
50) Toluene-d8	8.71	98	1163309	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.13	95	451953	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	360325	53.854	ug/l	100
3) Chloromethane	1.33	50	323627	47.068	ug/l	98
4) Vinyl Chloride	1.41	62	350586	47.376	ug/l	96
5) Bromomethane	1.64	94	244674	47.709	ug/l	100
6) Chloroethane	1.71	64	216339	47.681	ug/l	99
7) Trichlorofluoromethane	1.93	101	546217	48.086	ug/l	97
8) Diethyl Ether	2.19	74	203066	47.235	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	322206	49.884	ug/l	99
10) Methyl Iodide	2.51	142	424136	43.572	ug/l	98
11) Tert butyl alcohol	3.07	59	400759	210.073	ug/l	100
12) 1,1-Dichloroethene	2.37	96	292309	47.274	ug/l	94
13) Acrolein	2.29	56	216996	208.113	ug/l	98
14) Allyl chloride	2.73	41	534004	43.719	ug/l	98
15) Acrylonitrile	3.15	53	888880	223.284	ug/l	100
16) Acetone	2.45	43	662616	202.407	ug/l	97
17) Carbon Disulfide	2.57	76	827949	43.455	ug/l	99
18) Methyl Acetate	2.78	43	498680	45.551	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	1030316	46.709	ug/l	99
20) Methylene Chloride	2.86	84	319933	45.920	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	310083	47.059	ug/l	96
22) Diisopropyl ether	3.87	45	1001112	52.474	ug/l	96
23) Vinyl Acetate	3.82	43	4250697	261.225	ug/l	98
24) 1,1-Dichloroethane	3.70	63	562237	51.559	ug/l	98
25) 2-Butanone	4.70	43	1047687	224.293	ug/l	98
26) 2,2-Dichloropropane	4.59	77	511253	50.801	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	371714	50.574	ug/l	99
28) Bromochloromethane	5.01	49	234723	49.279	ug/l	99
29) Tetrahydrofuran	5.15	42	738244	227.405	ug/l	98
30) Chloroform	5.21	83	574215	50.108	ug/l	98
31) Cyclohexane	5.57	56	485810	48.207	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	540383	49.561	ug/l	99
36) 1,1-Dichloropropene	5.79	75	421710	50.810	ug/l	100
37) Ethyl Acetate	4.85	43	433445	46.634	ug/l	98
38) Carbon Tetrachloride	5.78	117	498912	51.098	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	557569	51.755	ug/l	99
40) Benzene	6.14	78	1271953	51.168	ug/l	100
41) Methacrylonitrile	5.06	41	241701	47.259	ug/l	98
42) 1,2-Dichloroethane	6.20	62	420104	51.637	ug/l	100
43) Isopropyl Acetate	6.46	43	731582	47.209	ug/l	100
44) Trichloroethene	7.21	130	389268	51.691	ug/l	99
45) 1,2-Dichloropropane	7.51	63	316168	50.044	ug/l	97
46) Dibromomethane	7.66	93	232283	50.908	ug/l	99
47) Bromodichloromethane	7.90	83	450649	51.001	ug/l	99
48) Methyl methacrylate	7.77	41	363039	48.155	ug/l	98
49) 1,4-Dioxane	7.75	88	177346	954.453	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	2154280	238.799	ug/l	98
52) Toluene	8.78	92	824173	50.395	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	509144	49.270	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	535591	49.913	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	343062	51.635	ug/l	99
56) Ethyl methacrylate	9.18	69	524229	50.471	ug/l	97
57) 1,3-Dichloropropane	9.37	76	538788	51.283	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	1351126	256.345	ug/l	99
59) 2-Hexanone	9.49	43	1617201	234.638	ug/l	99
60) Dibromochloromethane	9.58	129	417255	50.930	ug/l	99
61) 1,2-Dibromoethane	9.67	107	371445	49.999	ug/l	99
64) Tetrachloroethene	9.34	164	344131	51.040	ug/l	98
65) Chlorobenzene	10.14	112	980714	51.603	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	377161	51.077	ug/l	100
67) Ethyl Benzene	10.25	91	1614271	51.070	ug/l	100
68) m/p-Xylenes	10.36	106	1305731	103.125	ug/l	99
69) o-Xylene	10.69	106	638163	51.026	ug/l	100
70) Styrene	10.71	104	1049328	51.875	ug/l	99
71) Bromoform	10.86	173	337347	48.397	ug/l #	100
73) Isopropylbenzene	11.02	105	1706124	51.955	ug/l	100
74) N-amyl acetate	10.90	43	653254	46.196	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	509340	48.482	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	487109m	53.072	ug/l	
77) Bromobenzene	11.26	156	465622	51.093	ug/l	99
78) n-propylbenzene	11.36	91	1920196	52.603	ug/l	100
79) 2-Chlorotoluene	11.42	91	1110942	51.205	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1421845	52.039	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	182253	46.599	ug/l	97
82) 4-Chlorotoluene	11.51	91	1301699	51.603	ug/l	100
83) tert-Butylbenzene	11.77	119	1502867	51.553	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1448805	51.352	ug/l	100
85) sec-Butylbenzene	11.94	105	1763425	53.172	ug/l	99
86) p-Isopropyltoluene	12.06	119	1582992	53.007	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	838940	51.736	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	839760	51.022	ug/l	99
89) n-Butylbenzene	12.39	91	1370101	53.769	ug/l	100
90) Hexachloroethane	12.60	117	305463	50.187	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	811446	50.420	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	121613	45.158	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	606911	51.690	ug/l	99
94) Hexachlorobutadiene	13.78	225	292650	56.360	ug/l	99
95) Naphthalene	13.83	128	1832909	50.185	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	605436	52.061	ug/l	99

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

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