

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006113.D
 Acq On : 21 Nov 2018 10:08
 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

MMDadoda
 11/26/2018 10:52:15 AM

Quant Time: Nov 22 02:07:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	334059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	467914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	439668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	247749	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	204287	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
35) Dibromofluoromethane	5.50	113	163692	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
50) Toluene-d8	8.71	98	632148	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
62) 4-Bromofluorobenzene	11.14	95	237716	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	123758	49.853	ug/l	98
3) Chloromethane	1.32	50	154708	49.334	ug/l	99
4) Vinyl Chloride	1.41	62	154758	48.517	ug/l	98
5) Bromomethane	1.64	94	114006	46.733	ug/l	98
6) Chloroethane	1.71	64	87266	58.359	ug/l	100
7) Trichlorofluoromethane	1.93	101	210602	50.470	ug/l	100
8) Diethyl Ether	2.19	74	85400	48.415	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	125810	50.846	ug/l	99
10) Methyl Iodide	2.51	142	153572	49.504	ug/l	99
11) Tert butyl alcohol	3.07	59	190882	231.809	ug/l	99
12) 1,1-Dichloroethene	2.37	96	115488	47.878	ug/l	98
13) Acrolein	2.29	56	129695	263.211	ug/l	99
14) Allyl chloride	2.73	41	243370	49.315	ug/l	100
15) Acrylonitrile	3.15	53	430708	236.809	ug/l	100
16) Acetone	2.45	43	405428	236.030	ug/l	98
17) Carbon Disulfide	2.57	76	329670	50.616	ug/l	98
18) Methyl Acetate	2.78	43	221564	50.299	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	410758	49.265	ug/l	98
20) Methylene Chloride	2.85	84	130517	50.203	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	126296	50.042	ug/l	94
22) Diisopropyl ether	3.87	45	539042	51.024	ug/l	94
23) Vinyl Acetate	3.82	43	2097971	239.369	ug/l	99
24) 1,1-Dichloroethane	3.70	63	239240	48.068	ug/l	99
25) 2-Butanone	4.70	43	769987	241.505	ug/l	99
26) 2,2-Dichloropropane	4.59	77	225277	54.917	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	169419	48.030	ug/l	96
28) Bromochloromethane	5.02	49	153779	53.013	ug/l	99
29) Tetrahydrofuran	5.15	42	492489	247.618	ug/l	100
30) Chloroform	5.21	83	290963	48.242	ug/l	97
31) Cyclohexane	5.57	56	266744	51.309	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	244421	50.189	ug/l	99
36) 1,1-Dichloropropene	5.80	75	222533	52.276	ug/l	99
37) Ethyl Acetate	4.85	43	272460	49.749	ug/l	99
38) Carbon Tetrachloride	5.78	117	214225	53.541	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	273066	56.306	ug/l	99
40) Benzene	6.14	78	649925	51.822	ug/l	100
41) Methacrylonitrile	5.06	41	154549	51.206	ug/l	99
42) 1,2-Dichloroethane	6.20	62	237194	50.587	ug/l	100
43) Isopropyl Acetate	6.46	43	413528	52.284	ug/l	99
44) Trichloroethene	7.21	130	181248	51.998	ug/l	98
45) 1,2-Dichloropropane	7.51	63	174562	52.594	ug/l	99
46) Dibromomethane	7.66	93	114256	50.266	ug/l	100
47) Bromodichloromethane	7.90	83	218743	52.032	ug/l	98
48) Methyl methacrylate	7.77	41	220867	55.061	ug/l	100
49) 1,4-Dioxane	7.75	88	95170	1000.034	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1513291	266.887	ug/l	100
52) Toluene	8.79	92	416023	53.630	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	240740	54.876	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	264525	54.545	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	169111	50.337	ug/l	99
56) Ethyl methacrylate	9.18	69	254098	48.652	ug/l	98
57) 1,3-Dichloropropane	9.37	76	284059	51.296	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	854106	291.383	ug/l	99
59) 2-Hexanone	9.49	43	1226188	272.493	ug/l	99
60) Dibromochloromethane	9.59	129	177653	53.936	ug/l	99
61) 1,2-Dibromoethane	9.67	107	181358	52.399	ug/l	99
64) Tetrachloroethene	9.34	164	193798	53.562	ug/l	98
65) Chlorobenzene	10.14	112	470103	52.126	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	163787	52.899	ug/l	100
67) Ethyl Benzene	10.25	91	818371	55.421	ug/l	100
68) m/p-Xylenes	10.36	106	637411	110.854	ug/l	99
69) o-Xylene	10.70	106	301419	54.879	ug/l	99
70) Styrene	10.71	104	512292	57.204	ug/l	99
71) Bromoform	10.86	173	145704	52.572	ug/l	98
73) Isopropylbenzene	11.02	105	831552	55.473	ug/l	99
74) N-amyl acetate	10.90	43	375372	49.165	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	278888	49.368	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	268265m	52.594	ug/l	
77) Bromobenzene	11.26	156	219125	52.181	ug/l	99
78) n-propylbenzene	11.36	91	986717	56.522	ug/l	100
79) 2-Chlorotoluene	11.42	91	568955	53.872	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	714947	56.569	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	84251	55.867	ug/l	99
82) 4-Chlorotoluene	11.51	91	689494	55.942	ug/l	100
83) tert-Butylbenzene	11.77	119	684025	55.439	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	731375	56.731	ug/l	99
85) sec-Butylbenzene	11.94	105	856779	56.771	ug/l	99
86) p-Isopropyltoluene	12.07	119	764153	56.791	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	406583	52.512	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	413194	51.479	ug/l	99
89) n-Butylbenzene	12.39	91	705491	57.910	ug/l	99
90) Hexachloroethane	12.60	117	115376	53.732	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	408241	51.573	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	66405	50.658	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	307151	55.081	ug/l	98
94) Hexachlorobutadiene	13.78	225	148880	54.781	ug/l	99
95) Naphthalene	13.83	128	920825	56.156	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	305856	53.800	ug/l	100

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

