

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
 Data File : VX006288.D
 Acq On : 04 Dec 2018 19:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/5/2018 10:12:11 AM

Quant Time: Dec 05 01:21:40 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	5.67	168	737851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1092968	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	953339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	478882	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	375070	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	5.50	113	364765	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	8.71	98	1262687	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.13	95	462819	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	365786	50.631	ug/l	100
3) Chloromethane	1.33	50	324737	43.740	ug/l	97
4) Vinyl Chloride	1.41	62	369511	46.245	ug/l	98
5) Bromomethane	1.64	94	240196	43.375	ug/l	99
6) Chloroethane	1.72	64	244084	49.821	ug/l	99
7) Trichlorofluoromethane	1.93	101	591154	48.197	ug/l	99
8) Diethyl Ether	2.19	74	221666	47.752	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	336722	48.280	ug/l	100
10) Methyl Iodide	2.51	142	363077	34.544	ug/l	100
11) Tert butyl alcohol	3.07	59	442577	214.853	ug/l	100
12) 1,1-Dichloroethene	2.37	96	316614	47.422	ug/l	97
13) Acrolein	2.30	56	234728	208.486	ug/l	99
14) Allyl chloride	2.73	41	593025	44.964	ug/l	98
15) Acrylonitrile	3.15	53	975015	226.825	ug/l	99
16) Acetone	2.45	43	824135	233.146	ug/l	98
17) Carbon Disulfide	2.57	76	908363	44.153	ug/l	99
18) Methyl Acetate	2.78	43	565645	47.850	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	1139479	47.841	ug/l	100
20) Methylene Chloride	2.86	84	342632	45.545	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	333308	46.846	ug/l	97
22) Diisopropyl ether	3.87	45	1009387	48.998	ug/l	98
23) Vinyl Acetate	3.82	43	4247812	241.760	ug/l	100
24) 1,1-Dichloroethane	3.70	63	574418	48.784	ug/l	99
25) 2-Butanone	4.70	43	1184117	234.771	ug/l	99
26) 2,2-Dichloropropane	4.59	77	492198	45.294	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	396450	49.954	ug/l	98
28) Bromochloromethane	5.02	49	257563	50.079	ug/l	97
29) Tetrahydrofuran	5.15	42	805689	229.844	ug/l	98
30) Chloroform	5.21	83	606972	49.053	ug/l	97
31) Cyclohexane	5.58	56	515406	47.365	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	573643	48.725	ug/l	100
36) 1,1-Dichloropropene	5.80	75	444518	48.297	ug/l	99
37) Ethyl Acetate	4.85	43	476111	46.192	ug/l	98
38) Carbon Tetrachloride	5.78	117	526724	48.646	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	574630	48.098	ug/l	97
40) Benzene	6.14	78	1352148	49.050	ug/l	100
41) Methacrylonitrile	5.06	41	258922	45.653	ug/l	98
42) 1,2-Dichloroethane	6.20	62	446090	49.445	ug/l	100
43) Isopropyl Acetate	6.46	43	782256	45.520	ug/l	100
44) Trichloroethene	7.21	130	407970	48.852	ug/l	97
45) 1,2-Dichloropropane	7.52	63	341706	48.773	ug/l	99
46) Dibromomethane	7.66	93	247016	48.818	ug/l	99
47) Bromodichloromethane	7.90	83	478541	48.837	ug/l	100
48) Methyl methacrylate	7.77	41	381593	45.643	ug/l	97
49) 1,4-Dioxane	7.75	88	178457	866.076	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2254707	225.377	ug/l	99
52) Toluene	8.79	92	858001	47.309	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	522530	45.597	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	565739	47.543	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	355163	48.204	ug/l	99
56) Ethyl methacrylate	9.18	69	525413	45.615	ug/l	99
57) 1,3-Dichloropropane	9.37	76	566939	48.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1390488	237.895	ug/l	100
59) 2-Hexanone	9.49	43	1671462	218.686	ug/l	99
60) Dibromochloromethane	9.59	129	425690	46.855	ug/l	100
61) 1,2-Dibromoethane	9.67	107	391172	47.482	ug/l	99
64) Tetrachloroethene	9.34	164	353405	49.224	ug/l	99
65) Chlorobenzene	10.14	112	1002688	49.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	389304	49.512	ug/l	99
67) Ethyl Benzene	10.25	91	1632924	48.514	ug/l	100
68) m/p-Xylenes	10.36	106	1297639	96.245	ug/l	100
69) o-Xylene	10.70	106	638521	47.945	ug/l	100
70) Styrene	10.71	104	1030135	47.825	ug/l	98
71) Bromoform	10.86	173	343238	46.243	ug/l	99
73) Isopropylbenzene	11.02	105	1691171	51.137	ug/l	100
74) N-amyl acetate	10.90	43	664349	46.650	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	520995	49.243	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	487753m	52.769	ug/l	
77) Bromobenzene	11.26	156	458240	49.929	ug/l	99
78) n-propylbenzene	11.36	91	1858832	50.564	ug/l	100
79) 2-Chlorotoluene	11.42	91	1088207	49.804	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1390338	50.528	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	179422	45.553	ug/l	93
82) 4-Chlorotoluene	11.51	91	1255051	49.404	ug/l	100
83) tert-Butylbenzene	11.77	119	1471221	50.112	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1441081	50.719	ug/l	100
85) sec-Butylbenzene	11.94	105	1709162	51.173	ug/l	100
86) p-Isopropyltoluene	12.07	119	1507610	50.128	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	814290	49.863	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	809780	48.855	ug/l	99
89) n-Butylbenzene	12.39	91	1283699	50.025	ug/l	100
90) Hexachloroethane	12.60	117	299634	48.883	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	801786	49.470	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	121904	44.948	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	584840	49.461	ug/l	100
94) Hexachlorobutadiene	13.79	225	259904	49.702	ug/l	100
95) Naphthalene	13.83	128	1844862	50.157	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	584821	49.935	ug/l	99

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

