

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006587.D
 Acq On : 18 Dec 2018 09:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 19 00:33:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 00:30:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	700163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1038537	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	970734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	510578	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	356552	47.25	ug/l	0.00
Spiked Amount			Recovery	=	94.50%	
35) Dibromofluoromethane	5.50	113	338710	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
50) Toluene-d8	8.71	98	1212755	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.13	95	469929	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	312893	48.849	ug/l	98
3) Chloromethane	1.33	50	315414	45.707	ug/l	99
4) Vinyl Chloride	1.41	62	341830	47.429	ug/l	97
5) Bromomethane	1.64	94	332462	42.426	ug/l	97
6) Chloroethane	1.71	64	216333	43.350	ug/l	99
7) Trichlorofluoromethane	1.93	101	544733	48.479	ug/l	99
8) Diethyl Ether	2.19	74	204844	45.898	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	328013	49.717	ug/l	100
10) Methyl Iodide	2.51	142	484242	51.275	ug/l	100
11) Tert butyl alcohol	3.07	59	363978	216.130	ug/l	99
12) 1,1-Dichloroethene	2.37	96	293956	46.990	ug/l	97
13) Acrolein	2.29	56	299148	263.314	ug/l	98
14) Allyl chloride	2.73	41	508223	48.265	ug/l	100
15) Acrylonitrile	3.15	53	883243	236.214	ug/l	100
16) Acetone	2.45	43	838865	241.964	ug/l	100
17) Carbon Disulfide	2.57	76	740556	44.733	ug/l	99
18) Methyl Acetate	2.78	43	492243	48.286	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	1028602	49.540	ug/l	100
20) Methylene Chloride	2.86	84	331216	46.202	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	316671	45.687	ug/l	97
22) Diisopropyl ether	3.87	45	965528	50.121	ug/l	98
23) Vinyl Acetate	3.82	43	3887678	246.724	ug/l	100
24) 1,1-Dichloroethane	3.70	63	560255	48.719	ug/l	98
25) 2-Butanone	4.70	43	1156178	237.086	ug/l	99
26) 2,2-Dichloropropane	4.59	77	464950	52.341	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	375406	49.089	ug/l	99
28) Bromochloromethane	5.02	49	247836	46.875	ug/l	99
29) Tetrahydrofuran	5.15	42	739745	230.314	ug/l	99
30) Chloroform	5.21	83	590964	49.625	ug/l	98
31) Cyclohexane	5.57	56	505648	48.401	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	523336	52.046	ug/l	100
36) 1,1-Dichloropropene	5.80	75	435213	50.597	ug/l	100
37) Ethyl Acetate	4.85	43	439234	49.062	ug/l	100
38) Carbon Tetrachloride	5.78	117	439171	52.537	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	580018	51.220	ug/l	97
40) Benzene	6.14	78	1329605	50.854	ug/l	98
41) Methacrylonitrile	5.06	41	246618	49.021	ug/l	99
42) 1,2-Dichloroethane	6.20	62	444251	49.864	ug/l	100
43) Isopropyl Acetate	6.46	43	716271	52.583	ug/l	99
44) Trichloroethene	7.21	130	400334	50.589	ug/l	98
45) 1,2-Dichloropropane	7.51	63	330889	52.006	ug/l	98
46) Dibromomethane	7.66	93	239150	51.101	ug/l	100
47) Bromodichloromethane	7.90	83	422705	54.403	ug/l	98
48) Methyl methacrylate	7.77	41	359280	51.866	ug/l	99
49) 1,4-Dioxane	7.75	88	171636	875.721	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2220374	256.184	ug/l	99
52) Toluene	8.79	92	883944	52.332	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	481802	57.818	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	518981	56.760	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	362731	52.464	ug/l	99
56) Ethyl methacrylate	9.18	69	523127	53.534	ug/l	98
57) 1,3-Dichloropropane	9.37	76	571941	51.417	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1234366	237.634	ug/l	99
59) 2-Hexanone	9.49	43	1710251	257.903	ug/l	99
60) Dibromochloromethane	9.58	129	372969	58.566	ug/l	99
61) 1,2-Dibromoethane	9.67	107	389006	52.929	ug/l	100
64) Tetrachloroethene	9.34	164	382194	49.721	ug/l	97
65) Chlorobenzene	10.14	112	1033645	50.332	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	358143	55.895	ug/l	100
67) Ethyl Benzene	10.25	91	1720374	51.265	ug/l	99
68) m/p-Xylenes	10.36	106	1368872	103.373	ug/l	99
69) o-Xylene	10.70	106	677752	51.831	ug/l	100
70) Styrene	10.71	104	1090000	52.689	ug/l	100
71) Bromoform	10.86	173	274716	56.317	ug/l #	98
73) Isopropylbenzene	11.02	105	1809920	51.816	ug/l	99
74) N-amyl acetate	10.90	43	638195	51.044	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	521621	50.213	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	588471	65.062	ug/l	90
77) Bromobenzene	11.26	156	484991	51.358	ug/l	99
78) n-propylbenzene	11.36	91	2021747	52.561	ug/l	100
79) 2-Chlorotoluene	11.42	91	1180786	50.656	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1500675	52.161	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	147434	55.655	ug/l	98
82) 4-Chlorotoluene	11.51	91	1369006	51.201	ug/l	100
83) tert-Butylbenzene	11.77	119	1521449	52.838	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1522904	50.325	ug/l	100
85) sec-Butylbenzene	11.94	105	1848055	52.347	ug/l	99
86) p-Isopropyltoluene	12.06	119	1662234	53.563	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	879122	51.654	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	878717	50.305	ug/l	100
89) n-Butylbenzene	12.39	91	1444111	54.678	ug/l	100
90) Hexachloroethane	12.60	117	242223	57.298	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	850071	49.930	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	107932	50.214	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	627567	53.438	ug/l	99
94) Hexachlorobutadiene	13.78	225	294251	53.158	ug/l	98
95) Naphthalene	13.83	128	1857895	49.567	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	619754	51.112	ug/l	98

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

