

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006633.D
 Acq On : 19 Dec 2018 07:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 19 10:39:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 00:58:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	584572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	927493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	846198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	439825	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	315155	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	5.50	113	287324	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	8.71	98	1098891	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	408930	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	255029	47.689	ug/l	99
3) Chloromethane	1.33	50	281816	48.914	ug/l	100
4) Vinyl Chloride	1.41	62	300698	49.972	ug/l	98
5) Bromomethane	1.64	94	300828	53.715	ug/l	98
6) Chloroethane	1.72	64	193253	46.383	ug/l	100
7) Trichlorofluoromethane	1.93	101	465051	49.571	ug/l	96
8) Diethyl Ether	2.19	74	178806	47.986	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	260957	47.375	ug/l	99
10) Methyl Iodide	2.51	142	427850	54.262	ug/l	100
11) Tert butyl alcohol	3.07	59	358158	254.727	ug/l	100
12) 1,1-Dichloroethene	2.37	96	256263	49.065	ug/l	99
13) Acrolein	2.30	56	203241	214.270	ug/l	98
14) Allyl chloride	2.73	41	425364	48.383	ug/l	99
15) Acrylonitrile	3.15	53	801732	256.812	ug/l	99
16) Acetone	2.45	43	664028	229.407	ug/l	97
17) Carbon Disulfide	2.57	76	648791	46.939	ug/l	99
18) Methyl Acetate	2.78	43	437338	51.383	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	888664	51.264	ug/l	99
20) Methylene Chloride	2.86	84	289638	48.391	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	274605	47.451	ug/l	98
22) Diisopropyl ether	3.87	45	819618	50.960	ug/l	98
23) Vinyl Acetate	3.82	43	3292188	250.245	ug/l	100
24) 1,1-Dichloroethane	3.70	63	462727	48.195	ug/l	100
25) 2-Butanone	4.70	43	1001730	246.033	ug/l	97
26) 2,2-Dichloropropane	4.58	77	244542	32.973	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	318463	49.877	ug/l	97
28) Bromochloromethane	5.02	49	214215	53.041	ug/l	100
29) Tetrahydrofuran	5.15	42	682169	254.385	ug/l	100
30) Chloroform	5.21	83	501562	50.446	ug/l	98
31) Cyclohexane	5.57	56	420054	48.158	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	431180	51.360	ug/l	99
36) 1,1-Dichloropropene	5.80	75	370995	48.295	ug/l	99
37) Ethyl Acetate	4.85	43	389606	48.729	ug/l	100
38) Carbon Tetrachloride	5.78	117	367851	49.274	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	462605	45.742	ug/l	99
40) Benzene	6.14	78	1137140	48.700	ug/l	100
41) Methacrylonitrile	5.06	41	216293	50.954	ug/l	98
42) 1,2-Dichloroethane	6.20	62	377290	47.418	ug/l	100
43) Isopropyl Acetate	6.46	43	622620	51.180	ug/l	99
44) Trichloroethene	7.21	130	333215	47.149	ug/l	96
45) 1,2-Dichloropropane	7.51	63	283314	49.860	ug/l	99
46) Dibromomethane	7.66	93	202227	48.385	ug/l	99
47) Bromodichloromethane	7.90	83	346799	49.978	ug/l	98
48) Methyl methacrylate	7.77	41	316736	51.199	ug/l	99
49) 1,4-Dioxane	7.75	88	165040	1020.022	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2014919	260.312	ug/l	100
52) Toluene	8.79	92	743688	49.299	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	362196	48.669	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	404894	49.584	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	309011	50.045	ug/l	98
56) Ethyl methacrylate	9.18	69	457848	52.463	ug/l	99
57) 1,3-Dichloropropane	9.37	76	484698	48.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1139353	245.603	ug/l	100
59) 2-Hexanone	9.49	43	1519514	256.574	ug/l	99
60) Dibromochloromethane	9.59	129	303118	53.296	ug/l	99
61) 1,2-Dibromoethane	9.67	107	333609	50.826	ug/l	100
64) Tetrachloroethene	9.34	164	330902	49.384	ug/l	99
65) Chlorobenzene	10.14	112	876332	48.951	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	293923	52.624	ug/l	99
67) Ethyl Benzene	10.25	91	1441585	49.280	ug/l	99
68) m/p-Xylenes	10.36	106	1154822	100.043	ug/l	99
69) o-Xylene	10.70	106	571042	50.097	ug/l	99
70) Styrene	10.71	104	923954	51.236	ug/l	100
71) Bromoform	10.86	173	225646	45.253	ug/l #	98
73) Isopropylbenzene	11.02	105	1483730	49.311	ug/l	99
74) N-amyl acetate	10.90	43	567394	52.682	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	454228	50.760	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	496954	60.799	ug/l	90
77) Bromobenzene	11.26	156	402687	49.502	ug/l	99
78) n-propylbenzene	11.36	91	1649404	49.779	ug/l	99
79) 2-Chlorotoluene	11.42	91	985919	49.100	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1228551	49.571	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	100476	38.475	ug/l	95
82) 4-Chlorotoluene	11.51	91	1124563	48.824	ug/l	99
83) tert-Butylbenzene	11.77	119	1260690	50.825	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1278185	49.033	ug/l	99
85) sec-Butylbenzene	11.94	105	1494755	49.151	ug/l	100
86) p-Isopropyltoluene	12.06	119	1331473	49.806	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	727872	49.647	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	723604	48.146	ug/l	100
89) n-Butylbenzene	12.39	91	1113563	48.945	ug/l	99
90) Hexachloroethane	12.60	117	192691	46.316	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	712309	48.569	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	92668	50.048	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	497888	49.215	ug/l	100
94) Hexachlorobutadiene	13.78	225	217815	45.679	ug/l	99
95) Naphthalene	13.83	128	1596547	49.446	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	501007	47.965	ug/l	99

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

