

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002952.D
 Acq On : 27 Jun 2018 22:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 28 06:05:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	368084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	226306	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	182573	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
35) Dibromofluoromethane	5.51	113	147664	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
50) Toluene-d8	8.72	98	532817	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.14	95	208424	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	151769	63.02	ug/l	100
3) Chloromethane	1.32	50	148700	59.62	ug/l	99
4) Vinyl Chloride	1.40	62	160935	52.69	ug/l	98
5) Bromomethane	1.64	94	89602	63.58	ug/l	100
6) Chloroethane	1.71	64	99873	55.99	ug/l	99
7) Trichlorofluoromethane	1.93	101	255736	49.64	ug/l	99
8) Diethyl Ether	2.19	74	91002	48.59	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	144650	48.45	ug/l	98
10) Methyl Iodide	2.51	142	161855	53.03	ug/l	99
11) Tert butyl alcohol	3.08	59	175785	236.38	ug/l	98
12) 1,1-Dichloroethene	2.37	96	130353	48.94	ug/l	96
13) Acrolein	2.29	56	89817	218.40	ug/l	100
14) Allyl chloride	2.73	41	253343	48.25	ug/l	98
15) Acrylonitrile	3.15	53	393422	247.68	ug/l	99
16) Acetone	2.45	43	360883	233.43	ug/l	98
17) Carbon Disulfide	2.57	76	359026	50.59	ug/l	97
18) Methyl Acetate	2.78	43	185613	42.94	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	456560	47.68	ug/l	100
20) Methylene Chloride	2.86	84	144787	48.13	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	139143	47.96	ug/l	99
22) Diisopropyl ether	3.87	45	494044	49.22	ug/l	94
23) Vinyl Acetate	3.83	43	2176445	256.10	ug/l	99
24) 1,1-Dichloroethane	3.70	63	265934	48.75	ug/l	100
25) 2-Butanone	4.71	43	571661	249.16	ug/l	98
26) 2,2-Dichloropropane	4.59	77	179296	40.42	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	158940	48.86	ug/l	93
28) Bromochloromethane	5.02	49	129892	49.75	ug/l	93
29) Tetrahydrofuran	5.17	42	367555	249.81	ug/l	97
30) Chloroform	5.22	83	276329	49.36	ug/l	97
31) Cyclohexane	5.58	56	239246	51.10	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	247292	50.21	ug/l	98
36) 1,1-Dichloropropene	5.80	75	203499	50.41	ug/l	99
37) Ethyl Acetate	4.87	43	226150	52.03	ug/l	100
38) Carbon Tetrachloride	5.79	117	222897	50.32	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	240112	51.07	ug/l	97
40) Benzene	6.15	78	600639	51.21	ug/l	99
41) Methacrylonitrile	5.07	41	126371	50.49	ug/l	98
42) 1,2-Dichloroethane	6.20	62	231879	48.94	ug/l	100
43) Isopropyl Acetate	6.47	43	361332	49.57	ug/l	99
44) Trichloroethene	7.21	130	174994	50.05	ug/l	100
45) 1,2-Dichloropropane	7.52	63	154995	49.82	ug/l	100
46) Dibromomethane	7.67	93	106828	49.48	ug/l	97
47) Bromodichloromethane	7.90	83	202247	50.67	ug/l	99
48) Methyl methacrylate	7.78	41	189997	50.59	ug/l	98
49) 1,4-Dioxane	7.76	88	73234	1002.24	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1182333	259.26	ug/l	98
52) Toluene	8.79	92	386702	51.47	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	231526	51.22	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	215195	49.48	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	155726	50.44	ug/l	99
56) Ethyl methacrylate	9.18	69	237851	52.71	ug/l	96
57) 1,3-Dichloropropane	9.38	76	254362	50.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	554340	254.65	ug/l	98
59) 2-Hexanone	9.50	43	902436	260.37	ug/l	98
60) Dibromochloromethane	9.59	129	165706	50.98	ug/l	100
61) 1,2-Dibromoethane	9.68	107	165941	51.24	ug/l	99
64) Tetrachloroethene	9.34	164	195649	49.86	ug/l	98
65) Chlorobenzene	10.14	112	444529	49.60	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	163431	50.20	ug/l	99
67) Ethyl Benzene	10.26	91	756294	51.08	ug/l	100
68) m/p-Xylenes	10.36	106	592578	103.85	ug/l	100
69) o-Xylene	10.70	106	286877	51.63	ug/l	99
70) Styrene	10.71	104	482526	53.45	ug/l	99
71) Bromoform	10.86	173	129864	44.60	ug/l	100
73) Isopropylbenzene	11.02	105	787057	51.70	ug/l	100
74) N-amyl acetate	6.47	43	361332	48.51	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	231566	49.38	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	205743m	50.19	ug/l	
77) Bromobenzene	11.26	156	216026	49.83	ug/l	98
78) n-propylbenzene	11.37	91	895782	51.69	ug/l	99
79) 2-Chlorotoluene	11.43	91	530225	50.54	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	667345	52.04	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	60633	43.39	ug/l	97
82) 4-Chlorotoluene	11.51	91	628264	50.58	ug/l	99
83) tert-Butylbenzene	11.77	119	653932	51.75	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	684542	51.53	ug/l	99
85) sec-Butylbenzene	11.95	105	794735	51.84	ug/l	100
86) p-Isopropyltoluene	12.07	119	719130	52.18	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	391967	49.50	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	397448	48.77	ug/l	99
89) n-Butylbenzene	12.39	91	610163	50.86	ug/l	99
90) Hexachloroethane	12.60	117	105488	51.46	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	395130	49.44	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52766	50.05	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	288414	49.59	ug/l	99
94) Hexachlorobutadiene	13.79	225	144560	49.83	ug/l	99
95) Naphthalene	13.84	128	813861	52.54	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	293232	50.47	ug/l	100

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

