

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002710.D
 Acq On : 19 Jun 2018 13:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 19 16:22:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	339786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	217351	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	150530	39.42	ug/l	0.00
Spiked Amount			Recovery	=	78.84%	
35) Dibromofluoromethane	5.51	113	123531	45.55	ug/l	0.00
Spiked Amount			Recovery	=	91.10%	
50) Toluene-d8	8.72	98	462301	44.90	ug/l	0.00
Spiked Amount			Recovery	=	89.80%	
62) 4-Bromofluorobenzene	11.14	95	180423	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	127456	47.78	ug/l	100
3) Chloromethane	1.32	50	128596	40.53	ug/l	100
4) Vinyl Chloride	1.40	62	142865	43.39	ug/l	99
5) Bromomethane	1.64	94	77844	39.18	ug/l	99
6) Chloroethane	1.72	64	93509	43.09	ug/l	99
7) Trichlorofluoromethane	1.92	101	247054	46.18	ug/l	100
8) Diethyl Ether	2.19	74	85084	41.82	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	142189	47.55	ug/l	99
10) Methyl Iodide	2.51	142	155497	39.72	ug/l	99
11) Tert butyl alcohol	3.08	59	161494	204.59	ug/l	100
12) 1,1-Dichloroethene	2.37	96	122675	43.69	ug/l	96
13) Acrolein	2.29	56	120132	322.58	ug/l	99
14) Allyl chloride	2.73	41	240948	43.22	ug/l	98
15) Acrylonitrile	3.15	53	360018	209.01	ug/l	100
16) Acetone	2.45	43	367286	218.02	ug/l	99
17) Carbon Disulfide	2.57	76	327661	49.21	ug/l	98
18) Methyl Acetate	2.78	43	190916	42.54	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	439337	41.71	ug/l	99
20) Methylene Chloride	2.86	84	138681	40.15	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	131688	43.23	ug/l	96
22) Diisopropyl ether	3.87	45	427295	42.37	ug/l	94
23) Vinyl Acetate	3.82	43	1913580	226.69	ug/l	100
24) 1,1-Dichloroethane	3.70	63	251377	45.92	ug/l	100
25) 2-Butanone	4.71	43	497198	224.73	ug/l	98
26) 2,2-Dichloropropane	4.59	77	188511	47.93	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	139012	44.85	ug/l	94
28) Bromochloromethane	5.02	49	107037	41.75	ug/l	95
29) Tetrahydrofuran	5.17	42	314377	216.82	ug/l	97
30) Chloroform	5.21	83	241308	45.71	ug/l	99
31) Cyclohexane	5.57	56	214901	47.68	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	212901	48.22	ug/l	100
36) 1,1-Dichloropropene	5.80	75	180748	50.09	ug/l	98
37) Ethyl Acetate	4.87	43	191577	46.90	ug/l	100
38) Carbon Tetrachloride	5.78	117	194506	54.13	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227487	53.92	ug/l	98
40) Benzene	6.15	78	523721	48.40	ug/l	100
41) Methacrylonitrile	5.07	41	108743	47.15	ug/l	98
42) 1,2-Dichloroethane	6.20	62	202467	48.33	ug/l	100
43) Isopropyl Acetate	6.47	43	317571	46.93	ug/l	99
44) Trichloroethene	7.21	130	154159	49.36	ug/l	96
45) 1,2-Dichloropropane	7.52	63	134202	47.12	ug/l	100
46) Dibromomethane	7.67	93	93277	48.96	ug/l	97
47) Bromodichloromethane	7.90	83	177508	52.83	ug/l	99
48) Methyl methacrylate	7.78	41	162872	47.10	ug/l	97
49) 1,4-Dioxane	7.76	88	64501	984.89	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1033668	237.89	ug/l	99
52) Toluene	8.79	92	346998	50.27	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	210927	47.55	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	196171	46.48	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	136688	49.01	ug/l	98
56) Ethyl methacrylate	9.18	69	210733	49.10	ug/l	98
57) 1,3-Dichloropropane	9.38	76	224209	47.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	481045	231.72	ug/l	98
59) 2-Hexanone	9.50	43	802685	245.15	ug/l	99
60) Dibromochloromethane	9.59	129	147095	47.12	ug/l	100
61) 1,2-Dibromoethane	9.68	107	146539	50.73	ug/l	100
64) Tetrachloroethene	9.34	164	175957	48.46	ug/l	98
65) Chlorobenzene	10.14	112	398484	49.61	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	146005	53.32	ug/l	99
67) Ethyl Benzene	10.26	91	685558	50.60	ug/l	100
68) m/p-Xylenes	10.36	106	537639	102.87	ug/l	100
69) o-Xylene	10.70	106	257962	50.24	ug/l	100
70) Styrene	10.71	104	435872	51.62	ug/l	99
71) Bromoform	10.86	173	116386	47.00	ug/l #	99
73) Isopropylbenzene	11.02	105	717826	49.38	ug/l	100
74) N-amyl acetate	6.47	43	317571	43.97	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	205504	47.87	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	179515m	43.77	ug/l	
77) Bromobenzene	11.26	156	194223	47.96	ug/l	97
78) n-propylbenzene	11.37	91	834870	50.08	ug/l	99
79) 2-Chlorotoluene	11.43	91	482582	48.48	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	616518	50.18	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	58178	45.77	ug/l	99
82) 4-Chlorotoluene	11.51	91	580175	49.40	ug/l	99
83) tert-Butylbenzene	11.77	119	597828	50.51	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	635175	50.67	ug/l	99
85) sec-Butylbenzene	11.95	105	748199	50.84	ug/l	99
86) p-Isopropyltoluene	12.07	119	685360	51.47	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	369756	49.79	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	371916	49.22	ug/l	99
89) n-Butylbenzene	12.39	91	618531	52.66	ug/l	99
90) Hexachloroethane	12.60	117	100938	48.70	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	362446	48.49	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47257	52.56	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	281103	51.82	ug/l	100
94) Hexachlorobutadiene	13.79	225	149098	52.17	ug/l	99
95) Naphthalene	13.84	128	739088	50.63	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	276960	50.83	ug/l	99

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

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