

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072018\
 Data File : VX003518.D
 Acq On : 20 Jul 2018 19:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 12:35:43 PM

Quant Time: Jul 20 23:40:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	288323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	413485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	393625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	239018	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	185239	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	
35) Dibromofluoromethane	5.51	113	164287	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
50) Toluene-d8	8.72	98	625987	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
62) 4-Bromofluorobenzene	11.14	95	228929	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	123301	53.923	ug/l	97
3) Chloromethane	1.32	50	161968	57.257	ug/l	99
4) Vinyl Chloride	1.40	62	177714	48.520	ug/l	99
5) Bromomethane	1.64	94	80272	55.358	ug/l	99
6) Chloroethane	1.71	64	113772	52.493	ug/l	99
7) Trichlorofluoromethane	1.92	101	249001	50.956	ug/l	98
8) Diethyl Ether	2.19	74	108668	51.778	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	157491	49.243	ug/l	98
10) Methyl Iodide	2.51	142	205330	53.442	ug/l	93
11) Tert butyl alcohol	3.08	59	191733	283.899	ug/l	99
12) 1,1-Dichloroethene	2.37	96	149939	50.916	ug/l	88
13) Acrolein	2.29	56	72347	237.092	ug/l	99
14) Allyl chloride	2.73	41	272951	52.359	ug/l	87
15) Acrylonitrile	3.15	53	468460	272.453	ug/l	97
16) Acetone	2.45	43	359249	278.668	ug/l #	87
17) Carbon Disulfide	2.57	76	401867	50.460	ug/l	98
18) Methyl Acetate	2.78	43	228392	56.197	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	514381	53.491	ug/l	100
20) Methylene Chloride	2.85	84	172826	54.913	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	164401	50.175	ug/l	96
22) Diisopropyl ether	3.88	45	522244	53.239	ug/l	93
23) Vinyl Acetate	3.82	43	2160825	267.425	ug/l	97
24) 1,1-Dichloroethane	3.70	63	304207	52.857	ug/l	99
25) 2-Butanone	4.71	43	603368	278.952	ug/l	91
26) 2,2-Dichloropropane	4.58	77	188407	43.102	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	189441	51.927	ug/l	96
28) Bromochloromethane	5.02	49	134254	53.368	ug/l	88
29) Tetrahydrofuran	5.17	42	407906	285.479	ug/l	93
30) Chloroform	5.22	83	302920	53.900	ug/l	98
31) Cyclohexane	5.57	56	270420	52.587	ug/l #	91
32) 1,1,1-Trichloroethane	5.49	97	261190	54.272	ug/l	98
36) 1,1-Dichloropropene	5.80	75	226353	50.703	ug/l	98
37) Ethyl Acetate	4.87	43	229610	54.353	ug/l #	95
38) Carbon Tetrachloride	5.79	117	233836	53.400	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	269576	50.984	ug/l	95
40) Benzene	6.15	78	698066	51.790	ug/l	100
41) Methacrylonitrile	5.07	41	132187	53.241	ug/l	92
42) 1,2-Dichloroethane	6.20	62	231191	54.439	ug/l	96
43) Isopropyl Acetate	6.47	43	373687	55.609	ug/l	95
44) Trichloroethene	7.22	130	204086	50.772	ug/l	88
45) 1,2-Dichloropropane	7.52	63	182837	53.422	ug/l	99
46) Dibromomethane	7.67	93	118352	53.713	ug/l	99
47) Bromodichloromethane	7.90	83	220551	54.676	ug/l	97
48) Methyl methacrylate	7.78	41	196142	57.879	ug/l	87
49) 1,4-Dioxane	7.76	88	82981	1080.709	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1251699	294.841	ug/l	93
52) Toluene	8.79	92	446328	52.607	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	266658	53.709	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	241534	54.096	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	177535	52.586	ug/l	98
56) Ethyl methacrylate	9.18	69	266327	56.007	ug/l #	85
57) 1,3-Dichloropropane	9.37	76	294618	53.986	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	630171	272.539	ug/l	98
59) 2-Hexanone	9.50	43	940734	299.077	ug/l	89
60) Dibromochloromethane	9.59	129	181191	54.221	ug/l	99
61) 1,2-Dibromoethane	9.68	107	188487	53.857	ug/l	100
64) Tetrachloroethene	9.34	164	235232	49.049	ug/l	97
65) Chlorobenzene	10.14	112	505823	49.875	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	181203	51.929	ug/l	99
67) Ethyl Benzene	10.26	91	849256	52.081	ug/l	100
68) m/p-Xylenes	10.36	106	667260	104.376	ug/l	96
69) o-Xylene	10.70	106	323229	52.287	ug/l	96
70) Styrene	10.71	104	543903	53.489	ug/l	97
71) Bromoform	10.86	173	142012	52.380	ug/l #	99
73) Isopropylbenzene	11.02	105	862006	52.147	ug/l	100
74) N-amyl acetate	6.47	43	373687	53.239	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	258592	53.383	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	263667m	61.405	ug/l	
77) Bromobenzene	11.26	156	232399	48.881	ug/l	98
78) n-propylbenzene	11.37	91	970144	52.797	ug/l	99
79) 2-Chlorotoluene	11.43	91	573398	51.403	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	713738	52.538	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	72896	48.301	ug/l	88
82) 4-Chlorotoluene	11.51	91	671628	51.384	ug/l	98
83) tert-Butylbenzene	11.77	119	686485	51.599	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	730355	52.834	ug/l	97
85) sec-Butylbenzene	11.95	105	841064	52.047	ug/l	100
86) p-Isopropyltoluene	12.07	119	762420	52.572	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	423761	48.488	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	428607	47.608	ug/l	99
89) n-Butylbenzene	12.39	91	637343	51.755	ug/l	99
90) Hexachloroethane	12.60	117	107399	52.095	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	427154	49.591	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53560	56.815	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	304250	48.196	ug/l	99
94) Hexachlorobutadiene	13.79	225	141149	46.492	ug/l	99
95) Naphthalene	13.83	128	878019	52.930	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	309304	49.494	ug/l	99

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

