

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072018\
 Data File : VX003543.D
 Acq On : 21 Jul 2018 07:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 12:36:28 PM

Quant Time: Jul 23 00:51:06 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	5.66	168	298966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	401314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	379408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231422	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	186003	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
35) Dibromofluoromethane	5.51	113	181034	59.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.46%	
50) Toluene-d8	8.72	98	605162	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
62) 4-Bromofluorobenzene	11.14	95	222288	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	120875	50.940	ug/l	98
3) Chloromethane	1.32	50	175442	59.866	ug/l	96
4) Vinyl Chloride	1.40	62	182547	48.065	ug/l	96
5) Bromomethane	1.64	94	75645	50.072	ug/l	98
6) Chloroethane	1.72	64	124671	55.474	ug/l	96
7) Trichlorofluoromethane	1.93	101	257761	50.871	ug/l	98
8) Diethyl Ether	2.19	74	117914	54.184	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	157632	47.532	ug/l	98
10) Methyl Iodide	2.51	142	230457	57.847	ug/l	93
11) Tert butyl alcohol	3.07	59	201097	287.164	ug/l	99
12) 1,1-Dichloroethene	2.37	96	151690	49.677	ug/l	84
13) Acrolein	2.29	56	69187	218.665	ug/l	90
14) Allyl chloride	2.73	41	271983	50.316	ug/l	87
15) Acrylonitrile	3.15	53	487791	273.596	ug/l	98
16) Acetone	2.45	43	376494	281.648	ug/l #	85
17) Carbon Disulfide	2.57	76	438646	53.118	ug/l	99
18) Methyl Acetate	2.78	43	249865	59.292	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	553291	55.489	ug/l	97
20) Methylene Chloride	2.86	84	184997	56.716	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	174002	51.215	ug/l	87
22) Diisopropyl ether	3.88	45	597342	58.727	ug/l	91
23) Vinyl Acetate	3.83	43	2390462	285.313	ug/l	97
24) 1,1-Dichloroethane	3.69	63	337500	56.554	ug/l	99
25) 2-Butanone	4.71	43	646244	288.138	ug/l #	90
26) 2,2-Dichloropropane	4.59	77	139475	30.772	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	200393	52.973	ug/l	96
28) Bromochloromethane	5.03	49	148332	56.865	ug/l	88
29) Tetrahydrofuran	5.17	42	421462	284.466	ug/l	91
30) Chloroform	5.22	83	329510	56.544	ug/l	96
31) Cyclohexane	5.57	56	276411	51.839	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	277552	55.619	ug/l	97
36) 1,1-Dichloropropene	5.80	75	224358	51.781	ug/l	99
37) Ethyl Acetate	4.86	43	252421	61.565	ug/l	96
38) Carbon Tetrachloride	5.79	117	234149	55.093	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	247945	48.315	ug/l	94
40) Benzene	6.14	78	674392	51.551	ug/l	98
41) Methacrylonitrile	5.06	41	145048	60.193	ug/l	92
42) 1,2-Dichloroethane	6.20	62	227050	55.085	ug/l	97
43) Isopropyl Acetate	6.46	43	356143	54.605	ug/l	94
44) Trichloroethene	7.21	130	203743	52.224	ug/l	86
45) 1,2-Dichloropropane	7.52	63	176081	53.008	ug/l	98
46) Dibromomethane	7.67	93	115420	53.971	ug/l	97
47) Bromodichloromethane	7.90	83	215605	55.071	ug/l	98
48) Methyl methacrylate	7.78	41	186636	56.744	ug/l	85
49) 1,4-Dioxane	7.76	88	79967	1073.041	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1179150	286.175	ug/l	92
52) Toluene	8.79	92	455036	55.259	ug/l	95
53) t-1,3-Dichloropropene	8.44	75	247993	51.464	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	221296	51.067	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	193450	59.038	ug/l	91
56) Ethyl methacrylate	9.18	69	285325	61.822	ug/l #	82
57) 1,3-Dichloropropane	9.38	76	298236	56.307	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	600974	267.794	ug/l	98
59) 2-Hexanone	9.50	43	878450	287.746	ug/l	88
60) Dibromochloromethane	9.59	129	180573	55.675	ug/l	99
61) 1,2-Dibromoethane	9.68	107	183524	54.029	ug/l	99
64) Tetrachloroethene	9.34	164	242540	52.468	ug/l	98
65) Chlorobenzene	10.14	112	483008	49.410	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	175909	52.301	ug/l	99
67) Ethyl Benzene	10.26	91	804730	51.199	ug/l	100
68) m/p-Xylenes	10.36	106	631719	102.519	ug/l	97
69) o-Xylene	10.70	106	308186	51.721	ug/l	96
70) Styrene	10.71	104	520828	53.139	ug/l	97
71) Bromoform	10.86	173	142094	54.375	ug/l	99
73) Isopropylbenzene	11.02	105	822362	51.381	ug/l	100
74) N-amyl acetate	6.46	43	356143	52.405	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	247779	52.830	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	248083m	59.672	ug/l	
77) Bromobenzene	11.26	156	228044	49.539	ug/l	97
78) n-propylbenzene	11.36	91	921225	51.780	ug/l	99
79) 2-Chlorotoluene	11.42	91	546486	50.599	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	687978	52.304	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	60294	41.607	ug/l	89
82) 4-Chlorotoluene	11.51	91	642983	50.807	ug/l	98
83) tert-Butylbenzene	11.77	119	653435	50.727	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	706921	52.817	ug/l	98
85) sec-Butylbenzene	11.95	105	793063	50.688	ug/l	100
86) p-Isopropyltoluene	12.07	119	721593	51.390	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	406220	48.006	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	413809	47.473	ug/l	99
89) n-Butylbenzene	12.39	91	594205	49.836	ug/l	99
90) Hexachloroethane	12.60	117	98067	49.130	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	414303	49.677	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47483	52.022	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	295140	48.287	ug/l	100
94) Hexachlorobutadiene	13.79	225	132865	45.200	ug/l	99
95) Naphthalene	13.83	128	856929	53.355	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	302447	49.986	ug/l	100

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

