

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071918\
 Data File : VX003495.D
 Acq On : 20 Jul 2018 05:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 5:22:05 PM

Quant Time: Jul 20 06:35:41 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	312859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	409324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	384567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231942	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	187587	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	5.50	113	187480	60.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.26%	
50) Toluene-d8	8.72	98	626545	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
62) 4-Bromofluorobenzene	11.14	95	225137	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	122611	49.36	ug/l	95
3) Chloromethane	1.32	50	169186	55.07	ug/l	99
4) Vinyl Chloride	1.41	62	188646	47.47	ug/l	100
5) Bromomethane	1.64	94	75831	47.86	ug/l	98
6) Chloroethane	1.72	64	122335	52.02	ug/l	94
7) Trichlorofluoromethane	1.93	101	262280	49.46	ug/l	92
8) Diethyl Ether	2.19	74	113863	50.00	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	161134	46.43	ug/l	97
10) Methyl Iodide	2.51	142	210210	50.42	ug/l	93
11) Tert butyl alcohol	3.07	59	203361	277.50	ug/l	99
12) 1,1-Dichloroethene	2.37	96	161596	50.57	ug/l	90
13) Acrolein	2.29	56	79536	240.21	ug/l	99
14) Allyl chloride	2.73	41	285184	50.42	ug/l #	86
15) Acrylonitrile	3.15	53	499599	267.78	ug/l	97
16) Acetone	2.45	43	379715	271.44	ug/l #	89
17) Carbon Disulfide	2.57	76	435812	50.43	ug/l #	94
18) Methyl Acetate	2.78	43	189338	42.93	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	533982	51.17	ug/l	98
20) Methylene Chloride	2.86	84	181874	53.23	ug/l #	81
21) trans-1,2-Dichloroethene	3.16	96	177078	49.81	ug/l	89
22) Diisopropyl ether	3.87	45	571088	53.65	ug/l #	94
23) Vinyl Acetate	3.82	43	1956472	223.14	ug/l	96
24) 1,1-Dichloroethane	3.70	63	333542	53.41	ug/l	100
25) 2-Butanone	4.70	43	663865	282.85	ug/l	98
26) 2,2-Dichloropropane	4.59	77	174379	36.76	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	208208	52.59	ug/l	94
28) Bromochloromethane	5.02	49	152596	55.90	ug/l	83
29) Tetrahydrofuran	5.16	42	429392	276.95	ug/l	90
30) Chloroform	5.23	83	337656	55.37	ug/l	91
31) Cyclohexane	5.57	56	285011	51.08	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	279782	53.58	ug/l	96
36) 1,1-Dichloropropene	5.80	75	237797	53.81	ug/l	98
37) Ethyl Acetate	4.86	43	208932	49.96	ug/l #	93
38) Carbon Tetrachloride	5.79	117	239847	55.33	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	247437	47.27	ug/l	93
40) Benzene	6.15	78	693117	51.95	ug/l	100
41) Methacrylonitrile	5.07	41	144613	58.84	ug/l	91
42) 1,2-Dichloroethane	6.20	62	217720	51.79	ug/l	94
43) Isopropyl Acetate	6.46	43	313865	47.18	ug/l #	93
44) Trichloroethene	7.21	130	208742	52.46	ug/l	99
45) 1,2-Dichloropropane	7.52	63	176670	52.14	ug/l	100
46) Dibromomethane	7.67	93	113617	52.09	ug/l	93
47) Bromodichloromethane	7.90	83	218348	54.68	ug/l	97
48) Methyl methacrylate	7.78	41	179905	53.63	ug/l #	83
49) 1,4-Dioxane	7.76	88	81356	1070.32	ug/l #	94
51) 4-Methyl-2-Pentanone	8.65	43	1178564	280.44	ug/l	93
52) Toluene	8.79	92	440101	52.40	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	251450	51.16	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	228681	51.74	ug/l	90
55) 1,1,2-Trichloroethane	9.22	97	174073	52.09	ug/l	98
56) Ethyl methacrylate	9.18	69	253740	53.90	ug/l #	85
57) 1,3-Dichloropropane	9.37	76	283239	52.43	ug/l	100
59) 2-Hexanone	9.50	43	869290	279.17	ug/l	90
60) Dibromochloromethane	9.59	129	177070	53.53	ug/l	99
61) 1,2-Dibromoethane	9.68	107	179698	51.87	ug/l	99
64) Tetrachloroethene	9.34	164	225690	48.17	ug/l	97
65) Chlorobenzene	10.14	112	489670	49.42	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	177175	51.97	ug/l	99
67) Ethyl Benzene	10.26	91	819300	51.43	ug/l	99
68) m/p-Xylenes	10.36	106	642880	102.93	ug/l	96
69) o-Xylene	10.70	106	310394	51.39	ug/l	97
70) Stvrene	10.71	104	525397	52.89	ug/l	97
71) Bromoform	10.86	173	137369	51.86	ug/l #	100
73) Isopropylbenzene	11.02	105	815522	50.84	ug/l	100
74) N-amyl acetate	6.46	43	313865	46.08	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	244166	51.94	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	249506m	59.88	ug/l	
77) Bromobenzene	11.26	156	223838	48.52	ug/l	99
78) n-propylbenzene	11.36	91	930480	52.18	ug/l	99
79) 2-Chlorotoluene	11.42	91	556777	51.44	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	687114	52.12	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	63688	43.72	ug/l	91
82) 4-Chlorotoluene	11.51	91	648340	51.12	ug/l	98
83) tert-Butylbenzene	11.77	119	659096	51.05	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	713157	53.16	ug/l	98
85) sec-Butylbenzene	11.95	105	799919	51.01	ug/l	100
86) p-Isopropyltoluene	12.07	119	720373	51.19	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	411898	48.57	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	413076	47.28	ug/l	99
89) n-Butylbenzene	12.39	91	594328	49.73	ug/l	99
90) Hexachloroethane	12.60	117	101253	50.61	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	421475	50.42	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48721	53.26	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	283113	46.22	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	133684	45.38	ug/l	99
95) Naphthalene	13.83	128	850968	52.86	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	293024	48.32	ug/l	99

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

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