

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072318\
 Data File : VX003615.D
 Acq On : 23 Jul 2018 20:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/24/2018 12:37:46 PM

Quant Time: Jul 24 08:28:08 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	266391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	382938	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223346	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	174853	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	
35) Dibromofluoromethane	5.51	113	155092	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
50) Toluene-d8	8.72	98	581821	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
62) 4-Bromofluorobenzene	11.14	95	214799	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	106086	50.164	ug/l	100
3) Chloromethane	1.32	50	135724	51.818	ug/l	100
4) Vinyl Chloride	1.40	62	155289	45.888	ug/l	100
5) Bromomethane	1.64	94	74554	55.661	ug/l	98
6) Chloroethane	1.72	64	104076	51.973	ug/l	98
7) Trichlorofluoromethane	1.92	101	234615	51.965	ug/l	98
8) Diethyl Ether	2.19	74	101111	52.144	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	145467	49.228	ug/l	97
10) Methyl Iodide	2.51	142	205683	57.941	ug/l	93
11) Tert butyl alcohol	3.08	59	188761	302.510	ug/l	99
12) 1,1-Dichloroethene	2.37	96	140045	51.471	ug/l	86
13) Acrolein	2.29	56	54788	194.331	ug/l	100
14) Allyl chloride	2.73	41	248444	51.582	ug/l	86
15) Acrylonitrile	3.15	53	449496	282.946	ug/l	97
16) Acetone	2.45	43	350947	294.640	ug/l #	88
17) Carbon Disulfide	2.57	76	359716	48.886	ug/l	98
18) Methyl Acetate	2.78	43	225035	59.930	ug/l	91
19) Methyl tert-butyl Ether	3.21	73	495526	55.773	ug/l	100
20) Methylene Chloride	2.86	84	162572	55.923	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	152799	50.474	ug/l	94
22) Diisopropyl ether	3.88	45	506735	55.911	ug/l	94
23) Vinyl Acetate	3.83	43	2101129	281.446	ug/l	95
24) 1,1-Dichloroethane	3.70	63	290350	54.602	ug/l	100
25) 2-Butanone	4.71	43	607693	304.082	ug/l	92
26) 2,2-Dichloropropane	4.59	77	156927	38.856	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	178068	52.828	ug/l	96
28) Bromochloromethane	5.03	49	121286	52.183	ug/l	88
29) Tetrahydrofuran	5.17	42	399007	302.242	ug/l	92
30) Chloroform	5.22	83	293361	56.497	ug/l	97
31) Cyclohexane	5.57	56	250092	52.638	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	251089	56.469	ug/l	97
36) 1,1-Dichloropropene	5.80	75	214578	51.900	ug/l	98
37) Ethyl Acetate	4.87	43	231823	59.254	ug/l	96
38) Carbon Tetrachloride	5.78	117	225543	55.615	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	248746	50.797	ug/l	95
40) Benzene	6.15	78	669068	53.599	ug/l	100
41) Methacrylonitrile	5.07	41	131729	57.289	ug/l	92
42) 1,2-Dichloroethane	6.20	62	222314	56.525	ug/l	96
43) Isopropyl Acetate	6.47	43	378690	60.849	ug/l	95
44) Trichloroethene	7.21	130	193274	51.918	ug/l	100
45) 1,2-Dichloropropane	7.52	63	175836	55.475	ug/l	99
46) Dibromomethane	7.67	93	114522	56.121	ug/l	96
47) Bromodichloromethane	7.90	83	217060	58.103	ug/l	97
48) Methyl methacrylate	7.78	41	191727	61.089	ug/l	85
49) 1,4-Dioxane	7.76	88	84559	1189.107	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1235383	314.210	ug/l	92
52) Toluene	8.79	92	426265	54.250	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	254574	55.365	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	231852	56.070	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	176590	56.479	ug/l	99
56) Ethyl methacrylate	9.18	69	264691	60.103	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	285384	56.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	584035	272.734	ug/l	97
59) 2-Hexanone	9.50	43	939933	322.660	ug/l	89
60) Dibromochloromethane	9.59	129	181429	58.624	ug/l	99
61) 1,2-Dibromoethane	9.68	107	182505	56.307	ug/l	99
64) Tetrachloroethene	9.34	164	230158	51.692	ug/l	99
65) Chlorobenzene	10.14	112	485254	51.536	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	179578	55.432	ug/l	99
67) Ethyl Benzene	10.26	91	816515	53.934	ug/l	99
68) m/p-Xylenes	10.36	106	636992	107.324	ug/l	96
69) o-Xylene	10.70	106	307621	53.599	ug/l	97
70) Styrene	10.71	104	524889	55.599	ug/l	97
71) Bromoform	10.86	173	144961	57.591	ug/l	99
73) Isopropylbenzene	11.02	105	830643	53.775	ug/l	100
74) N-amyl acetate	6.47	43	378690	57.737	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	253026	55.899	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	224071m	55.845	ug/l	
77) Bromobenzene	11.26	156	229745	51.714	ug/l	96
78) n-propylbenzene	11.37	91	929409	54.129	ug/l	98
79) 2-Chlorotoluene	11.43	91	554102	53.159	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	687997	54.196	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	67806	48.091	ug/l	87
82) 4-Chlorotoluene	11.51	91	645294	52.833	ug/l	98
83) tert-Butylbenzene	11.77	119	668017	53.734	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	706045	54.659	ug/l	97
85) sec-Butylbenzene	11.95	105	816567	54.077	ug/l	100
86) p-Isopropyltoluene	12.07	119	733549	54.131	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	413784	50.669	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	418698	49.771	ug/l	99
89) n-Butylbenzene	12.39	91	617561	53.667	ug/l	99
90) Hexachloroethane	12.60	117	104910	54.458	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	417765	51.904	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53997	61.298	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	301235	51.066	ug/l	99
94) Hexachlorobutadiene	13.79	225	143933	50.736	ug/l	99
95) Naphthalene	13.83	128	887711	57.270	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	307568	52.670	ug/l	100

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

