

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072018\
 Data File : VX003511.D
 Acq On : 20 Jul 2018 16:05
 Operator : JC/SP
 Sample : VX0720WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 12:34:50 PM

Quant Time: Jul 20 16:45:00 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	297866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	423671	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	399364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	239551	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	192644	54.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.28%	
35) Dibromofluoromethane	5.51	113	171605	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
50) Toluene-d8	8.72	98	655549	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	
62) 4-Bromofluorobenzene	11.14	95	233840	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49787	20.631	ug/l	98
3) Chloromethane	1.32	50	67386	22.341	ug/l	99
4) Vinyl Chloride	1.40	62	75083	19.843	ug/l	99
5) Bromomethane	1.64	94	36727	23.062	ug/l	99
6) Chloroethane	1.72	64	47839	21.365	ug/l	100
7) Trichlorofluoromethane	1.93	101	103549	20.512	ug/l	99
8) Diethyl Ether	2.19	74	44368	20.463	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	65134	19.713	ug/l	98
10) Methyl Iodide	2.51	142	71869	18.106	ug/l	93
11) Tert butyl alcohol	3.07	59	72344	103.688	ug/l	100
12) 1,1-Dichloroethene	2.37	96	62173	20.436	ug/l	90
13) Acrolein	2.29	56	31894	101.173	ug/l	97
14) Allyl chloride	2.73	41	112332	20.858	ug/l	87
15) Acrylonitrile	3.15	53	190968	107.507	ug/l	98
16) Acetone	2.45	43	149266	112.075	ug/l	91
17) Carbon Disulfide	2.57	76	165471	20.110	ug/l	99
18) Methyl Acetate	2.78	43	106921	25.466	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	216638	21.807	ug/l	98
20) Methylene Chloride	2.86	84	72555	21.791	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	67801	20.030	ug/l	91
22) Diisopropyl ether	3.87	45	212434	20.962	ug/l	97
23) Vinyl Acetate	3.82	43	854784	102.399	ug/l	96
24) 1,1-Dichloroethane	3.70	63	121781	20.482	ug/l	98
25) 2-Butanone	4.71	43	237114	106.111	ug/l	93
26) 2,2-Dichloropropane	4.59	77	78217	17.320	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	76899	20.403	ug/l	89
28) Bromochloromethane	5.02	49	55943	21.526	ug/l	86
29) Tetrahydrofuran	5.17	42	154907	104.941	ug/l	90
30) Chloroform	5.22	83	121555	20.936	ug/l	100
31) Cyclohexane	5.57	56	106734	20.091	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	103503	20.818	ug/l	97
36) 1,1-Dichloropropene	5.80	75	91683	20.043	ug/l	98
37) Ethyl Acetate	4.86	43	92078	21.272	ug/l	96
38) Carbon Tetrachloride	5.78	117	91335	20.356	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	105442	19.462	ug/l	95
40) Benzene	6.15	78	284369	20.590	ug/l	98
41) Methacrylonitrile	5.07	41	52948	20.813	ug/l	92
42) 1,2-Dichloroethane	6.20	62	92757	21.317	ug/l	94
43) Isopropyl Acetate	6.46	43	148910	21.627	ug/l	95
44) Trichloroethene	7.21	130	83735	20.330	ug/l	99
45) 1,2-Dichloropropane	7.52	63	73181	20.868	ug/l	99
46) Dibromomethane	7.67	93	47638	21.100	ug/l	94
47) Bromodichloromethane	7.90	83	87314	21.125	ug/l	98
48) Methyl methacrylate	7.78	41	73996	21.310	ug/l #	84
49) 1,4-Dioxane	7.76	88	30948	393.363	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	473780	108.917	ug/l	91
52) Toluene	8.79	92	180428	20.755	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	104860	20.613	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	93248	20.383	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	73117	21.137	ug/l	96
56) Ethyl methacrylate	9.18	69	104076	21.360	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	119088	21.297	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	246304	103.961	ug/l	96
59) 2-Hexanone	9.50	43	353914	109.811	ug/l	89
60) Dibromochloromethane	9.59	129	71361	20.841	ug/l	100
61) 1,2-Dibromoethane	9.68	107	75987	21.190	ug/l	99
64) Tetrachloroethene	9.34	164	99364	20.421	ug/l	97
65) Chlorobenzene	10.14	112	217768	21.164	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	72112	20.369	ug/l	99
67) Ethyl Benzene	10.26	91	336403	20.333	ug/l	99
68) m/p-Xylenes	10.36	106	264752	40.819	ug/l	95
69) o-Xylene	10.70	106	127735	20.366	ug/l	95
70) Styrene	10.71	104	213636	20.708	ug/l	97
71) Bromoform	10.86	173	55838	20.300	ug/l	99
73) Isopropylbenzene	11.02	105	340044	20.525	ug/l	99
74) N-amyl acetate	6.46	43	148910	21.168	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	100693	20.740	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	92324m	21.453	ug/l	
77) Bromobenzene	11.26	156	95519	20.046	ug/l	96
78) n-propylbenzene	11.37	91	379066	20.584	ug/l	99
79) 2-Chlorotoluene	11.42	91	229517	20.530	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	281542	20.678	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	25782	18.577	ug/l	95
82) 4-Chlorotoluene	11.51	91	265381	20.258	ug/l	97
83) tert-Butylbenzene	11.77	119	267710	20.077	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	289737	20.913	ug/l	98
85) sec-Butylbenzene	11.95	105	329381	20.338	ug/l	100
86) p-Isopropyltoluene	12.07	119	295252	20.314	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	173093	19.762	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	182880	20.269	ug/l	99
89) n-Butylbenzene	12.39	91	240267	19.467	ug/l	99
90) Hexachloroethane	12.60	117	39944	19.332	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	221314	25.636	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19629	20.776	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	120083	18.980	ug/l	99
94) Hexachlorobutadiene	13.79	225	57760	18.983	ug/l	98
95) Naphthalene	13.83	128	339463	20.419	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	122436	19.548	ug/l	100

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

