

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010825.D
 Acq On : 12 Jul 2019 10:59
 Operator : JC/SP
 Sample : VX0712WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2019 11:00:21 AM

Quant Time: Jul 13 01:57:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	238732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	356264	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	317438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170685	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	99334	44.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.76%	
35) Dibromofluoromethane	5.50	113	95084	43.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.24%	
50) Toluene-d8	8.71	98	346180	41.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.02%	
62) 4-Bromofluorobenzene	11.13	95	126804	42.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34023	20.499	ug/l	97
3) Chloromethane	1.33	50	34411	17.805	ug/l	99
4) Vinyl Chloride	1.41	62	38141	18.018	ug/l	98
5) Bromomethane	1.64	94	21735	21.076	ug/l	98
6) Chloroethane	1.72	64	24086	19.286	ug/l	96
7) Trichlorofluoromethane	1.93	101	65225	19.437	ug/l	98
8) Diethyl Ether	2.19	74	23163	19.248	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38090	18.731	ug/l	99
10) Methyl Iodide	2.51	142	36419	12.549	ug/l	98
11) Tert butyl alcohol	3.04	59	44296	75.629	ug/l	96
12) 1,1-Dichloroethene	2.37	96	36433	17.607	ug/l	98
13) Acrolein	2.29	56	38299	98.571	ug/l	99
14) Allyl chloride	2.73	41	53050	18.058	ug/l	99
15) Acrylonitrile	3.14	53	105747	91.191	ug/l	100
16) Acetone	2.44	43	104958	93.563	ug/l	98
17) Carbon Disulfide	2.57	76	87537	15.768	ug/l	99
18) Methyl Acetate	2.78	43	41407	18.520	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	119691	18.386	ug/l	100
20) Methylene Chloride	2.85	84	42553	18.432	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	38829	17.447	ug/l	95
22) Diisopropyl ether	3.85	45	113454	18.471	ug/l	96
23) Vinyl Acetate	3.81	43	492212	92.761	ug/l	98
24) 1,1-Dichloroethane	3.70	63	64858	18.268	ug/l	97
25) 2-Butanone	4.67	43	146843	89.238	ug/l	97
26) 2,2-Dichloropropane	4.58	77	52482	17.016	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	46688	18.154	ug/l	99
28) Bromochloromethane	5.02	49	27460	16.177	ug/l	95
29) Tetrahydrofuran	5.12	42	91294	89.570	ug/l	99
30) Chloroform	5.21	83	70766	18.525	ug/l	100
31) Cyclohexane	5.58	56	57136	17.672	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	58960	17.480	ug/l	98
36) 1,1-Dichloropropene	5.79	75	49747	17.572	ug/l	98
37) Ethyl Acetate	4.83	43	52702	18.095	ug/l	98
38) Carbon Tetrachloride	5.78	117	51912	16.933	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	66324	17.823	ug/l	99
40) Benzene	6.14	78	159076	18.036	ug/l	99
41) Methacrylonitrile	5.04	41	28466	17.813	ug/l	97
42) 1,2-Dichloroethane	6.19	62	52972	19.730	ug/l	98
43) Isopropyl Acetate	6.44	43	85813	17.808	ug/l	97
44) Trichloroethene	7.21	130	45955	17.412	ug/l	99
45) 1,2-Dichloropropane	7.51	63	39124	17.565	ug/l	95
46) Dibromomethane	7.66	93	28382	17.760	ug/l	98
47) Bromodichloromethane	7.90	83	50885	17.375	ug/l	100
48) Methyl methacrylate	7.77	41	39363	17.574	ug/l	99
49) 1,4-Dioxane	7.74	88	23273	360.697	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	281705	91.408	ug/l	98
52) Toluene	8.78	92	102684	17.679	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	52598	16.019	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	60358	16.916	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	43921	18.335	ug/l	99
56) Ethyl methacrylate	9.18	69	63137	17.399	ug/l	98
57) 1,3-Dichloropropane	9.37	76	68086	18.310	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	141436	82.066	ug/l	100
59) 2-Hexanone	9.49	43	220582	90.942	ug/l	99
60) Dibromochloromethane	9.58	129	43615	16.261	ug/l	100
61) 1,2-Dibromoethane	9.67	107	45130	17.454	ug/l	99
64) Tetrachloroethene	9.33	164	44586	17.365	ug/l	97
65) Chlorobenzene	10.13	112	117132	18.175	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	40739	17.355	ug/l	98
67) Ethyl Benzene	10.25	91	201373	18.509	ug/l	97
68) m/p-Xylenes	10.36	106	157283	37.309	ug/l	99
69) o-Xylene	10.69	106	76035	18.341	ug/l	99
70) Styrene	10.71	104	127970	18.406	ug/l	99
71) Bromoform	10.85	173	31459	15.410	ug/l #	98
73) Isopropylbenzene	11.02	105	206701	17.865	ug/l	98
74) N-amyl acetate	10.90	43	77088	17.629	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	66842	17.444	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	54003m	17.362	ug/l	
77) Bromobenzene	11.26	156	54526	16.877	ug/l	99
78) n-propylbenzene	11.36	91	225991	17.772	ug/l	100
79) 2-Chlorotoluene	11.42	91	133303	17.604	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	171271	17.956	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16396	12.298	ug/l #	83
82) 4-Chlorotoluene	11.51	91	155828	18.085	ug/l	99
83) tert-Butylbenzene	11.77	119	167459	17.492	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	173450	18.100	ug/l	99
85) sec-Butylbenzene	11.94	105	203239	18.081	ug/l	99
86) p-Isopropyltoluene	12.06	119	184478	17.743	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	99496	17.643	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	99353	17.305	ug/l	99
89) n-Butylbenzene	12.38	91	158100	17.895	ug/l	99
90) Hexachloroethane	12.59	117	27077	15.061	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	99857	17.816	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13112	15.871	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	66450	17.096	ug/l	98
94) Hexachlorobutadiene	13.78	225	33285	17.521	ug/l	98
95) Naphthalene	13.83	128	199740	16.722	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	66932	17.319	ug/l	97

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

