

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010664.D
 Acq On : 04 Jul 2019 03:45
 Operator : JC/SP
 Sample : VX0703WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 10:58:18 AM

Quant Time: Jul 04 05:47:06 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	227150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	343130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	314142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	163841	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105852	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
35) Dibromofluoromethane	5.49	113	100748	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	8.71	98	375629	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
62) 4-Bromofluorobenzene	11.13	95	136202	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40025	25.345	ug/l	99
3) Chloromethane	1.32	50	41238	22.425	ug/l	99
4) Vinyl Chloride	1.41	62	45120	22.402	ug/l	94
5) Bromomethane	1.64	94	25974	26.470	ug/l	99
6) Chloroethane	1.72	64	28917	24.335	ug/l	98
7) Trichlorofluoromethane	1.93	101	74399	23.301	ug/l	98
8) Diethyl Ether	2.18	74	26382	23.041	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	42425	21.926	ug/l	98
10) Methyl Iodide	2.51	142	48271	17.481	ug/l	97
11) Tert butyl alcohol	3.04	59	56210	100.863	ug/l	98
12) 1,1-Dichloroethene	2.37	96	41919	21.291	ug/l	94
13) Acrolein	2.29	56	27727	75.000	ug/l	98
14) Allyl chloride	2.73	41	56027	20.044	ug/l	96
15) Acrylonitrile	3.14	53	117223	106.241	ug/l	100
16) Acetone	2.44	43	95334	89.317	ug/l	99
17) Carbon Disulfide	2.57	76	105071	19.891	ug/l	98
18) Methyl Acetate	2.77	43	48441	22.771	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	132569	21.403	ug/l	98
20) Methylene Chloride	2.85	84	47858	21.787	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	44912	21.209	ug/l	97
22) Diisopropyl ether	3.85	45	126094	21.576	ug/l	98
23) Vinyl Acetate	3.81	43	517229	102.446	ug/l	100
24) 1,1-Dichloroethane	3.69	63	74075	21.927	ug/l	99
25) 2-Butanone	4.67	43	153947	98.325	ug/l	100
26) 2,2-Dichloropropane	4.57	77	38120	12.990	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	51797	21.167	ug/l	97
28) Bromochloromethane	5.01	49	31655	19.599	ug/l	94
29) Tetrahydrofuran	5.12	42	102252	105.436	ug/l	98
30) Chloroform	5.21	83	78433	21.579	ug/l	98
31) Cyclohexane	5.58	56	66288	21.548	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	67781	21.119	ug/l	99
36) 1,1-Dichloropropene	5.79	75	55729	20.438	ug/l	99
37) Ethyl Acetate	4.83	43	58857	20.982	ug/l	99
38) Carbon Tetrachloride	5.78	117	58336	19.757	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72071	20.108	ug/l	97
40) Benzene	6.14	78	178321	20.991	ug/l	99
41) Methacrylonitrile	5.03	41	31575	20.515	ug/l	99
42) 1,2-Dichloroethane	6.19	62	58007	22.432	ug/l	98
43) Isopropyl Acetate	6.44	43	92549	19.942	ug/l	98
44) Trichloroethene	7.21	130	52997	20.849	ug/l	99
45) 1,2-Dichloropropane	7.51	63	44287	20.645	ug/l	98
46) Dibromomethane	7.66	93	31715	20.606	ug/l	97
47) Bromodichloromethane	7.90	83	55447	19.657	ug/l	96
48) Methyl methacrylate	7.77	41	46014	21.330	ug/l	98
49) 1,4-Dioxane	7.73	88	25460	409.696	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	312761	105.370	ug/l	98
52) Toluene	8.78	92	116092	20.752	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	54574	17.257	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	62633	18.225	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	47985	20.798	ug/l	96
56) Ethyl methacrylate	9.18	69	69874	19.992	ug/l	96
57) 1,3-Dichloropropane	9.37	76	75415	21.057	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	155653	93.772	ug/l	99
59) 2-Hexanone	9.49	43	241365	103.320	ug/l	98
60) Dibromochloromethane	9.58	129	48158	18.642	ug/l	98
61) 1,2-Dibromoethane	9.67	107	50568	20.306	ug/l	100
64) Tetrachloroethene	9.34	164	52091	20.501	ug/l	99
65) Chlorobenzene	10.13	112	132173	20.724	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	44988	19.366	ug/l	97
67) Ethyl Benzene	10.25	91	222127	20.630	ug/l	99
68) m/p-Xylenes	10.35	106	171552	41.121	ug/l	100
69) o-Xylene	10.69	106	83582	20.372	ug/l	99
70) Styrene	10.71	104	141397	20.551	ug/l	98
71) Bromoform	10.85	173	34400	17.028	ug/l #	99
73) Isopropylbenzene	11.02	105	222338	20.019	ug/l	99
74) N-amyl acetate	10.90	43	81088	19.319	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	74114	20.150	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	60125m	20.138	ug/l	
77) Bromobenzene	11.25	156	60451	19.493	ug/l	99
78) n-propylbenzene	11.36	91	246741	20.214	ug/l	99
79) 2-Chlorotoluene	11.42	91	145969	20.082	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	182286	19.909	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16787	13.117	ug/l #	87
82) 4-Chlorotoluene	11.51	91	166790	20.166	ug/l	100
83) tert-Butylbenzene	11.77	119	181027	19.699	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	187650	20.399	ug/l	98
85) sec-Butylbenzene	11.94	105	214149	19.847	ug/l	100
86) p-Isopropyltoluene	12.06	119	195790	19.618	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	107479	19.854	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	107512	19.508	ug/l	99
89) n-Butylbenzene	12.38	91	164532	19.401	ug/l	99
90) Hexachloroethane	12.60	117	29690	17.204	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	107647	20.008	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13659	17.224	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	71270	19.102	ug/l	98
94) Hexachlorobutadiene	13.78	225	34249	18.782	ug/l	100
95) Naphthalene	13.83	128	214970	18.749	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	72671	19.590	ug/l	99

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

