

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070319\
 Data File : VX010667.D
 Acq On : 04 Jul 2019 05:08
 Operator : JC/SP
 Sample : VX0703WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VX0703WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 10:58:23 AM

Quant Time: Jul 04 05:51:18 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	214971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	330217	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155445	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107696	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
35) Dibromofluoromethane	5.50	113	102745	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	8.71	98	378631	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.13	95	137307	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	37607	25.163	ug/l	99
3) Chloromethane	1.32	50	39518	22.708	ug/l	99
4) Vinyl Chloride	1.41	62	43976	23.071	ug/l	99
5) Bromomethane	1.64	94	25386	27.337	ug/l	97
6) Chloroethane	1.72	64	27915	24.822	ug/l	99
7) Trichlorofluoromethane	1.93	101	72343	23.941	ug/l	97
8) Diethyl Ether	2.19	74	26172	24.152	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40629	22.187	ug/l	97
10) Methyl Iodide	2.51	142	49059	18.773	ug/l	98
11) Tert butyl alcohol	3.04	59	58626	111.159	ug/l	100
12) 1,1-Dichloroethene	2.37	96	42201	22.648	ug/l	97
13) Acrolein	2.29	56	28340	81.002	ug/l	97
14) Allyl chloride	2.73	41	54512	20.606	ug/l	97
15) Acrylonitrile	3.14	53	118256	113.249	ug/l	98
16) Acetone	2.45	43	98178	97.192	ug/l	99
17) Carbon Disulfide	2.57	76	100230	20.050	ug/l	100
18) Methyl Acetate	2.78	43	49854	24.763	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	132926	22.676	ug/l	99
20) Methylene Chloride	2.85	84	47419	22.811	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	44476	22.193	ug/l	96
22) Diisopropyl ether	3.85	45	126146	22.807	ug/l	96
23) Vinyl Acetate	3.81	43	516412	108.079	ug/l	100
24) 1,1-Dichloroethane	3.70	63	72693	22.737	ug/l	99
25) 2-Butanone	4.67	43	159528	107.662	ug/l	100
26) 2,2-Dichloropropane	4.59	77	35510	12.786	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	50241	21.695	ug/l	99
28) Bromochloromethane	5.01	49	29049	19.004	ug/l	93
29) Tetrahydrofuran	5.13	42	105065	114.474	ug/l	99
30) Chloroform	5.21	83	78107	22.706	ug/l	96
31) Cyclohexane	5.58	56	65087	22.356	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	66226	21.804	ug/l	99
36) 1,1-Dichloropropene	5.80	75	56011	21.345	ug/l	99
37) Ethyl Acetate	4.83	43	59448	22.021	ug/l	100
38) Carbon Tetrachloride	5.79	117	55481	19.525	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69118	20.038	ug/l	97
40) Benzene	6.14	78	177222	21.678	ug/l	99
41) Methacrylonitrile	5.04	41	33264	22.458	ug/l	96
42) 1,2-Dichloroethane	6.20	62	58490	23.504	ug/l	99
43) Isopropyl Acetate	6.45	43	94992	21.268	ug/l	98
44) Trichloroethene	7.21	130	51371	21.000	ug/l	94
45) 1,2-Dichloropropane	7.51	63	44566	21.587	ug/l	98
46) Dibromomethane	7.66	93	32363	21.849	ug/l	97
47) Bromodichloromethane	7.90	83	54361	20.026	ug/l	99
48) Methyl methacrylate	7.77	41	45684	22.005	ug/l	99
49) 1,4-Dioxane	7.74	88	26151	437.271	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	320334	112.142	ug/l	99
52) Toluene	8.79	92	115947	21.537	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	53583	17.607	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	62050	18.762	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	48821	21.988	ug/l	98
56) Ethyl methacrylate	9.18	69	70778	21.043	ug/l	98
57) 1,3-Dichloropropane	9.37	76	74688	21.670	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	153076	95.826	ug/l	99
59) 2-Hexanone	9.49	43	247162	109.939	ug/l	98
60) Dibromochloromethane	9.58	129	47234	19.000	ug/l	100
61) 1,2-Dibromoethane	9.67	107	50374	21.019	ug/l	99
64) Tetrachloroethene	9.34	164	52119	21.369	ug/l	96
65) Chlorobenzene	10.14	112	129997	21.234	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	44451	19.933	ug/l	98
67) Ethyl Benzene	10.25	91	218290	21.121	ug/l	100
68) m/p-Xylenes	10.36	106	170988	42.697	ug/l	99
69) o-Xylene	10.70	106	82653	20.987	ug/l	99
70) Styrene	10.71	104	138890	21.029	ug/l	99
71) Bromoform	10.85	173	33411	17.229	ug/l #	97
73) Isopropylbenzene	11.02	105	219308	20.813	ug/l	98
74) N-amyl acetate	10.90	43	82140	20.626	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	73256	20.992	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	58625m	20.696	ug/l	
77) Bromobenzene	11.26	156	58907	20.021	ug/l	96
78) n-propylbenzene	11.36	91	241001	20.810	ug/l	99
79) 2-Chlorotoluene	11.42	91	143598	20.823	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	181252	20.865	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16633	13.699	ug/l #	85
82) 4-Chlorotoluene	11.51	91	166713	21.245	ug/l	99
83) tert-Butylbenzene	11.77	119	175930	20.178	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	182794	20.945	ug/l	100
85) sec-Butylbenzene	11.94	105	209154	20.431	ug/l	100
86) p-Isopropyltoluene	12.06	119	192208	20.299	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	103860	20.222	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	102896	19.679	ug/l	98
89) n-Butylbenzene	12.38	91	155953	19.382	ug/l	99
90) Hexachloroethane	12.60	117	27381	16.723	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	104075	20.389	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14544	19.330	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	66930	18.907	ug/l	100
94) Hexachlorobutadiene	13.78	225	32050	18.525	ug/l	99
95) Naphthalene	13.83	128	212277	19.514	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	68045	19.333	ug/l	99

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

