

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010498.D
 Acq On : 27 Jun 2019 18:50
 Operator : JC/SP
 Sample : VX0627WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:38:20 AM

Quant Time: Jun 28 07:48:14 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	5.67	168	243565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	372720	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	332428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	170881	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	117337	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
35) Dibromofluoromethane	5.50	113	115220	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	8.71	98	427492	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.13	95	152565	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	30215	17.844	ug/l	100
3) Chloromethane	1.33	50	34772	17.635	ug/l	99
4) Vinyl Chloride	1.41	62	38245	17.708	ug/l	98
5) Bromomethane	1.64	94	22412	21.301	ug/l	100
6) Chloroethane	1.72	64	24505	19.232	ug/l	97
7) Trichlorofluoromethane	1.93	101	67358	19.674	ug/l	95
8) Diethyl Ether	2.19	74	24623	20.055	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	38549	18.580	ug/l	99
10) Methyl Iodide	2.51	142	51010	17.228	ug/l	98
11) Tert butyl alcohol	3.04	59	57237	95.784	ug/l	99
12) 1,1-Dichloroethene	2.37	96	38843	18.399	ug/l	98
13) Acrolein	2.29	56	19603	49.452	ug/l	99
14) Allyl chloride	2.73	41	55814	18.622	ug/l	99
15) Acrylonitrile	3.14	53	116152	98.176	ug/l	100
16) Acetone	2.44	43	94701	82.744	ug/l	99
17) Carbon Disulfide	2.57	76	88052	15.546	ug/l	100
18) Methyl Acetate	2.78	43	47327	20.748	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	130331	19.624	ug/l	99
20) Methylene Chloride	2.85	84	45866	19.473	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	42923	18.904	ug/l	94
22) Diisopropyl ether	3.85	45	123317	19.678	ug/l	98
23) Vinyl Acetate	3.81	43	485381	89.659	ug/l	100
24) 1,1-Dichloroethane	3.70	63	70679	19.512	ug/l	99
25) 2-Butanone	4.67	43	154490	92.022	ug/l	98
26) 2,2-Dichloropropane	4.59	77	48435	15.392	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	50505	19.248	ug/l	98
28) Bromochloromethane	5.02	49	33666	19.439	ug/l	100
29) Tetrahydrofuran	5.13	42	102055	98.141	ug/l	99
30) Chloroform	5.21	83	76036	19.509	ug/l	98
31) Cyclohexane	5.58	56	59882	18.154	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	65185	18.942	ug/l	100
36) 1,1-Dichloropropene	5.80	75	52868	17.850	ug/l	99
37) Ethyl Acetate	4.84	43	57615	18.909	ug/l	98
38) Carbon Tetrachloride	5.78	117	57631	17.969	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67607	17.365	ug/l	98
40) Benzene	6.15	78	174396	18.900	ug/l	99
41) Methacrylonitrile	5.04	41	31403	18.783	ug/l	97
42) 1,2-Dichloroethane	6.19	62	54530	19.414	ug/l	100
43) Isopropyl Acetate	6.45	43	94479	18.741	ug/l	99
44) Trichloroethene	7.21	130	51199	18.543	ug/l	98
45) 1,2-Dichloropropane	7.51	63	43333	18.596	ug/l	99
46) Dibromomethane	7.66	93	31374	18.766	ug/l	99
47) Bromodichloromethane	7.90	83	54064	17.645	ug/l	99
48) Methyl methacrylate	7.77	41	44918	19.169	ug/l	98
49) 1,4-Dioxane	7.74	88	26060	386.059	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	312064	96.789	ug/l	99
52) Toluene	8.78	92	113792	18.726	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	56841	16.547	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	64334	17.234	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	48187	19.228	ug/l	98
56) Ethyl methacrylate	9.18	69	69876	18.405	ug/l	98
57) 1,3-Dichloropropane	9.37	76	74259	19.088	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	169922	94.241	ug/l	99
59) 2-Hexanone	9.49	43	238585	94.022	ug/l	100
60) Dibromochloromethane	9.58	129	48443	17.264	ug/l	100
61) 1,2-Dibromoethane	9.67	107	49700	18.373	ug/l	98
64) Tetrachloroethene	9.34	164	53236	19.799	ug/l	98
65) Chlorobenzene	10.13	112	127902	18.951	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	46238	18.809	ug/l	99
67) Ethyl Benzene	10.25	91	216414	18.994	ug/l	99
68) m/p-Xylenes	10.36	106	169830	38.469	ug/l	99
69) o-Xylene	10.69	106	82819	19.076	ug/l	98
70) Styrene	10.71	104	138716	19.052	ug/l	99
71) Bromoform	10.85	173	36395	17.024	ug/l #	98
73) Isopropylbenzene	11.02	105	216269	18.670	ug/l	99
74) N-amyl acetate	10.90	43	76708	17.522	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	73710	19.214	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	68194m	21.900	ug/l	
77) Bromobenzene	11.26	156	60947	18.843	ug/l	98
78) n-propylbenzene	11.36	91	238416	18.727	ug/l	100
79) 2-Chlorotoluene	11.42	91	141248	18.632	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	179265	18.773	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	19534	14.635	ug/l	95
82) 4-Chlorotoluene	11.51	91	159869	18.533	ug/l	98
83) tert-Butylbenzene	11.77	119	179831	18.763	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	184112	19.190	ug/l	98
85) sec-Butylbenzene	11.94	105	211197	18.767	ug/l	99
86) p-Isopropyltoluene	12.06	119	194198	18.656	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	104640	18.534	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	106995	18.615	ug/l	99
89) n-Butylbenzene	12.38	91	158541	17.924	ug/l	99
90) Hexachloroethane	12.60	117	30257	16.811	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	105254	18.757	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14158	17.118	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	72774	18.701	ug/l	98
94) Hexachlorobutadiene	13.78	225	34942	18.372	ug/l	99
95) Naphthalene	13.83	128	227851	19.053	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	74643	19.292	ug/l	98

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

