

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022620\
 Data File : VX015007.D
 Acq On : 26 Feb 2020 09:55
 Operator : JC/SP
 Sample : VX0226WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 10:48:12 AM

Quant Time: Feb 26 13:00:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	446913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	667809	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	621785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	323131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	245164	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	5.48	113	203518	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	8.71	98	779663	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	281328	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	78505	18.549	ug/l 99
3) Chloromethane	1.32	50	92538	19.285	ug/l 99
4) Vinyl Chloride	1.41	62	100830	19.506	ug/l 97
5) Bromomethane	1.64	94	60327	18.030	ug/l 96
6) Chloroethane	1.72	64	62004	18.747	ug/l 96
7) Trichlorofluoromethane	1.93	101	128689	17.819	ug/l 98
8) Diethyl Ether	2.18	74	55942	18.679	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	82551	19.692	ug/l 98
10) Methyl Iodide	2.50	142	79634	19.920	ug/l 99
11) Tert butyl alcohol	3.02	59	95994	107.792	ug/l 99
12) 1,1-Dichloroethene	2.37	96	77010	18.799	ug/l 99
13) Acrolein	2.28	56	55088	81.162	ug/l 99
14) Allyl chloride	2.72	41	138158	19.023	ug/l 98
15) Acrylonitrile	3.13	53	240370	106.471	ug/l 100
16) Acetone	2.43	43	250160	85.124	ug/l 98
17) Carbon Disulfide	2.56	76	190276	16.625	ug/l 100
18) Methyl Acetate	2.76	43	116695	22.972	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	271318	20.351	ug/l 99
20) Methylene Chloride	2.85	84	90734	18.701	ug/l 98
21) trans-1,2-Dichloroethene	3.16	96	82868	18.333	ug/l 98
22) Diisopropyl ether	3.84	45	288471	20.796	ug/l 93
23) Vinyl Acetate	3.80	43	1201933	105.112	ug/l 99
24) 1,1-Dichloroethane	3.69	63	154381	19.720	ug/l 99
25) 2-Butanone	4.65	43	347243	101.125	ug/l 100
26) 2,2-Dichloropropane	4.57	77	126818	18.797	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	99231	19.639	ug/l 99
28) Bromochloromethane	5.00	49	64486	21.251	ug/l 99
29) Tetrahydrofuran	5.11	42	211448	108.324	ug/l 100
30) Chloroform	5.20	83	155507	20.021	ug/l 95
31) Cyclohexane	5.57	56	137368	19.265	ug/l 96
32) 1,1,1-Trichloroethane	5.48	97	130148	19.155	ug/l 98
36) 1,1-Dichloropropene	5.79	75	115048	19.259	ug/l 99
37) Ethyl Acetate	4.81	43	130299	20.913	ug/l 98
38) Carbon Tetrachloride	5.77	117	111147	19.092	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	139810	18.714	ug/l	97
40) Benzene	6.13	78	349558	19.585	ug/l	99
41) Methacrylonitrile	5.03	41	72335	21.551	ug/l	98
42) 1,2-Dichloroethane	6.18	62	123497	19.144	ug/l	99
43) Isopropyl Acetate	6.43	43	209930	20.425	ug/l	98
44) Trichloroethene	7.21	130	96078	18.543	ug/l	98
45) 1,2-Dichloropropane	7.50	63	89928	19.756	ug/l	94
46) Dibromomethane	7.65	93	59697	19.186	ug/l	100
47) Bromodichloromethane	7.89	83	121545	19.701	ug/l	98
48) Methyl methacrylate	7.76	41	101233	20.014	ug/l	97
49) 1,4-Dioxane	7.73	88	43218	456.985	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	664944	107.143	ug/l	100
52) Toluene	8.78	92	222910	19.663	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	129996	19.227	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	146004	19.547	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	91967	20.052	ug/l	98
56) Ethyl methacrylate	9.17	69	139197	20.191	ug/l	99
57) 1,3-Dichloropropane	9.36	76	153698	19.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	361707	100.325	ug/l	99
59) 2-Hexanone	9.48	43	513351	105.236	ug/l	99
60) Dibromochloromethane	9.57	129	96579	19.567	ug/l	98
61) 1,2-Dibromoethane	9.67	107	98527	19.910	ug/l	97
64) Tetrachloroethene	9.33	164	97989	16.856	ug/l	99
65) Chlorobenzene	10.14	112	241617	19.159	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	91184	19.916	ug/l	98
67) Ethyl Benzene	10.25	91	424134	19.775	ug/l	99
68) m/p-Xylenes	10.35	106	324595	39.285	ug/l	99
69) o-Xylene	10.69	106	157227	19.796	ug/l	98
70) Styrene	10.71	104	262811	19.559	ug/l	99
71) Bromoform	10.85	173	73847	19.323	ug/l #	100
73) Isopropylbenzene	11.01	105	416547	20.556	ug/l	99
74) N-amyl acetate	10.89	43	174699	20.749	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	142090	21.451	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	119563m	20.462	ug/l	
77) Bromobenzene	11.25	156	112255	19.847	ug/l	98
78) n-propylbenzene	11.35	91	477066	20.355	ug/l	99
79) 2-Chlorotoluene	11.42	91	279689	20.299	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	348307	20.571	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	45525	19.943	ug/l	97
82) 4-Chlorotoluene	11.51	91	328494	20.132	ug/l	100
83) tert-Butylbenzene	11.76	119	339501	21.174	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	351884	20.622	ug/l	99
85) sec-Butylbenzene	11.94	105	410847	20.627	ug/l	99
86) p-Isopropyltoluene	12.06	119	381569	20.471	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	195931	19.310	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	198046	19.114	ug/l	99
89) n-Butylbenzene	12.39	91	325961	19.526	ug/l	99
90) Hexachloroethane	12.59	117	66273	20.360	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	196986	19.797	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29541	19.009	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	138766	18.894	ug/l	97
94) Hexachlorobutadiene	13.78	225	69826	19.656	ug/l	97
95) Naphthalene	13.83	128	393832	20.168	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	139512	19.661	ug/l	97

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

