

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020520\
 Data File : VX014828.D
 Acq On : 05 Feb 2020 17:27
 Operator : JC/SP
 Sample : VX0205WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS02

Manual Integrations
 APPROVED

MMDadoda
 2/6/2020 1:34:12 PM

Quant Time: Feb 06 04:22:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	397507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	611156	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	543424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	269770	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	231105	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	5.49	113	191539	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	8.71	98	719335	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	11.13	95	254739	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	87403	16.738	ug/l	98
3) Chloromethane	1.32	50	90327	16.797	ug/l	99
4) Vinyl Chloride	1.40	62	104830	18.029	ug/l	99
5) Bromomethane	1.64	94	63633	16.112	ug/l	96
6) Chloroethane	1.72	64	58929	16.796	ug/l	94
7) Trichlorofluoromethane	1.92	101	125888	18.594	ug/l	100
8) Diethyl Ether	2.18	74	57163	19.344	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72226	18.173	ug/l	98
10) Methyl Iodide	2.50	142	88493	16.969	ug/l	98
11) Tert butyl alcohol	3.03	59	89211	85.601	ug/l	97
12) 1,1-Dichloroethene	2.37	96	71005	17.969	ug/l	93
13) Acrolein	2.28	56	67803	82.513	ug/l	99
14) Allyl chloride	2.72	41	127585	17.963	ug/l	98
15) Acrylonitrile	3.13	53	218429	90.585	ug/l	100
16) Acetone	2.43	43	211707	83.315	ug/l	100
17) Carbon Disulfide	2.56	76	165264	15.302	ug/l	99
18) Methyl Acetate	2.76	43	134753	18.556	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	247763	19.143	ug/l	98
20) Methylene Chloride	2.85	84	86395	18.352	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	76333	17.544	ug/l	98
22) Diisopropyl ether	3.84	45	267201	18.909	ug/l	96
23) Vinyl Acetate	3.80	43	1012839	94.024	ug/l	100
24) 1,1-Dichloroethane	3.69	63	141936	18.495	ug/l	99
25) 2-Butanone	4.66	43	309066	84.791	ug/l	100
26) 2,2-Dichloropropane	4.57	77	113870	18.538	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	89511	18.382	ug/l	99
28) Bromochloromethane	5.01	49	64066	18.998	ug/l	99
29) Tetrahydrofuran	5.12	42	194635	89.967	ug/l	99
30) Chloroform	5.20	83	143695	18.902	ug/l	97
31) Cyclohexane	5.57	56	124611	17.264	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	118823	18.491	ug/l	100
36) 1,1-Dichloropropene	5.79	75	100636	17.721	ug/l	96
37) Ethyl Acetate	4.82	43	114644	17.626	ug/l	99
38) Carbon Tetrachloride	5.78	117	102818	18.958	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	122677	17.244	ug/l	94
40) Benzene	6.14	78	321108	18.300	ug/l	98
41) Methacrylonitrile	5.03	41	66193	17.674	ug/l	97
42) 1,2-Dichloroethane	6.18	62	118893	19.622	ug/l	99
43) Isopropyl Acetate	6.43	43	197875	18.578	ug/l	99
44) Trichloroethene	7.21	130	87605	17.676	ug/l	97
45) 1,2-Dichloropropane	7.51	63	83420	18.454	ug/l	99
46) Dibromomethane	7.65	93	56198	19.196	ug/l	98
47) Bromodichloromethane	7.89	83	107430	18.709	ug/l	98
48) Methyl methacrylate	7.76	41	93842	18.440	ug/l	98
49) 1,4-Dioxane	7.73	88	36658	339.823	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	612706	91.145	ug/l	100
52) Toluene	8.78	92	202151	18.742	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	116458	18.836	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	127664	18.769	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	86504	19.589	ug/l	97
56) Ethyl methacrylate	9.17	69	127998	18.271	ug/l	99
57) 1,3-Dichloropropane	9.37	76	140305	18.586	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	210530	94.797	ug/l	100
59) 2-Hexanone	9.48	43	461376	88.447	ug/l	99
60) Dibromochloromethane	9.57	129	88244	19.144	ug/l	97
61) 1,2-Dibromoethane	9.67	107	87495	18.739	ug/l	100
64) Tetrachloroethene	9.33	164	95732	17.797	ug/l	95
65) Chlorobenzene	10.14	112	217911	18.747	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	83579	19.502	ug/l	99
67) Ethyl Benzene	10.25	91	382885	19.292	ug/l	99
68) m/p-Xylenes	10.35	106	290461	38.630	ug/l	100
69) o-Xylene	10.70	106	140898	19.411	ug/l	99
70) Styrene	10.71	104	241040	19.796	ug/l	100
71) Bromoform	10.85	173	64334	18.877	ug/l #	99
73) Isopropylbenzene	11.01	105	377802	19.917	ug/l	100
74) N-amyl acetate	10.89	43	162005	19.490	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	125719	18.563	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	105834m	16.862	ug/l	
77) Bromobenzene	11.25	156	99826	19.590	ug/l	96
78) n-propylbenzene	11.35	91	418965	19.459	ug/l	98
79) 2-Chlorotoluene	11.42	91	253973	19.495	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	314908	20.003	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37636	17.065	ug/l	92
82) 4-Chlorotoluene	11.51	91	291440	19.650	ug/l	100
83) tert-Butylbenzene	11.76	119	306032	20.687	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	315515	19.981	ug/l	97
85) sec-Butylbenzene	11.94	105	359581	19.841	ug/l	100
86) p-Isopropyltoluene	12.06	119	326329	19.484	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	175703	19.186	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	178266	19.432	ug/l	99
89) n-Butylbenzene	12.38	91	274105	18.791	ug/l	99
90) Hexachloroethane	12.59	117	57428	18.460	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	177474	19.512	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	25651	17.628	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	118855	20.268	ug/l	96
94) Hexachlorobutadiene	13.77	225	57566	19.073	ug/l	98
95) Naphthalene	13.83	128	349534	19.071	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	120754	20.365	ug/l	98

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

