

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022020\
 Data File : VX014970.D
 Acq On : 20 Feb 2020 11:11
 Operator : JC/SP
 Sample : VX0220WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/21/2020 9:15:23 AM

Quant Time: Feb 21 00:44:51 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	438617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	641886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	593312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317473	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	243930	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.48	113	199345	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	8.71	98	761011	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.13	95	277198	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	80926	19.482	ug/l	98
3) Chloromethane	1.32	50	91528	19.436	ug/l	99
4) Vinyl Chloride	1.40	62	93732	18.476	ug/l	100
5) Bromomethane	1.64	94	62418	19.008	ug/l	96
6) Chloroethane	1.72	64	60095	18.513	ug/l	100
7) Trichlorofluoromethane	1.93	101	134830	19.022	ug/l	99
8) Diethyl Ether	2.18	74	57527	19.572	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	80864	19.654	ug/l	98
10) Methyl Iodide	2.50	142	77662	19.821	ug/l	99
11) Tert butyl alcohol	3.01	59	84268	96.415	ug/l	99
12) 1,1-Dichloroethene	2.37	96	76170	18.946	ug/l	97
13) Acrolein	2.28	56	46705	70.113	ug/l	96
14) Allyl chloride	2.72	41	130047	18.245	ug/l	100
15) Acrylonitrile	3.12	53	216673	97.790	ug/l	99
16) Acetone	2.43	43	251004	87.283	ug/l	99
17) Carbon Disulfide	2.56	76	195223	17.379	ug/l	99
18) Methyl Acetate	2.76	43	102041	20.468	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	255394	19.519	ug/l	100
20) Methylene Chloride	2.85	84	87530	18.381	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	81548	18.383	ug/l	97
22) Diisopropyl ether	3.84	45	273531	20.092	ug/l	97
23) Vinyl Acetate	3.80	43	1136984	101.312	ug/l	100
24) 1,1-Dichloroethane	3.69	63	148134	19.280	ug/l	99
25) 2-Butanone	4.65	43	320336	95.054	ug/l	100
26) 2,2-Dichloropropane	4.57	77	121855	18.403	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	96955	19.552	ug/l	96
28) Bromochloromethane	5.00	49	60708	20.385	ug/l	99
29) Tetrahydrofuran	5.11	42	189774	99.059	ug/l	100
30) Chloroform	5.20	83	148297	19.454	ug/l	99
31) Cyclohexane	5.57	56	131801	18.834	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	128585	19.283	ug/l	100
36) 1,1-Dichloropropene	5.79	75	110237	19.199	ug/l	99
37) Ethyl Acetate	4.81	43	117933	19.693	ug/l	99
38) Carbon Tetrachloride	5.77	117	108711	19.428	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	135943	18.931	ug/l	99
40) Benzene	6.13	78	337410	19.668	ug/l	100
41) Methacrylonitrile	5.02	41	64397	19.961	ug/l	98
42) 1,2-Dichloroethane	6.18	62	124133	20.020	ug/l	100
43) Isopropyl Acetate	6.43	43	191496	19.384	ug/l	99
44) Trichloroethene	7.20	130	94655	19.006	ug/l	95
45) 1,2-Dichloropropane	7.50	63	85764	19.602	ug/l	98
46) Dibromomethane	7.65	93	57782	19.320	ug/l	99
47) Bromodichloromethane	7.89	83	114127	19.246	ug/l	97
48) Methyl methacrylate	7.76	41	95084	19.557	ug/l	99
49) 1,4-Dioxane	7.73	88	37963	417.630	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	604352	101.313	ug/l	99
52) Toluene	8.78	92	212775	19.527	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	124199	19.111	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	137119	19.099	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	89290	20.254	ug/l	98
56) Ethyl methacrylate	9.17	69	127646	19.264	ug/l	98
57) 1,3-Dichloropropane	9.36	76	147219	19.839	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.30	63	333015	96.097	ug/l	100
59) 2-Hexanone	9.48	43	467353	99.676	ug/l	100
60) Dibromochloromethane	9.57	129	92489	19.495	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93116	19.576	ug/l	98
64) Tetrachloroethene	9.33	164	97827	17.635	ug/l	98
65) Chlorobenzene	10.13	112	234339	19.473	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	86842	19.878	ug/l	98
67) Ethyl Benzene	10.25	91	406999	19.887	ug/l	99
68) m/p-Xylenes	10.36	106	309485	39.254	ug/l	100
69) o-Xylene	10.70	106	150586	19.869	ug/l	99
70) Styrene	10.70	104	251268	19.598	ug/l	99
71) Bromoform	10.85	173	69860	19.157	ug/l #	100
73) Isopropylbenzene	11.01	105	406714	20.429	ug/l	99
74) N-amyl acetate	10.89	43	163835	19.805	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	129571	19.909	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	111733m	19.462	ug/l	
77) Bromobenzene	11.25	156	107831	19.405	ug/l	98
78) n-propylbenzene	11.35	91	454925	19.756	ug/l	99
79) 2-Chlorotoluene	11.42	91	269124	19.880	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	337441	20.285	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40420	18.022	ug/l	95
82) 4-Chlorotoluene	11.51	91	310435	19.364	ug/l	100
83) tert-Butylbenzene	11.76	119	322692	20.485	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	338850	20.212	ug/l	100
85) sec-Butylbenzene	11.94	105	389795	19.919	ug/l	100
86) p-Isopropyltoluene	12.06	119	365430	19.955	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	188640	18.923	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	189553	18.620	ug/l	99
89) n-Butylbenzene	12.39	91	307710	18.762	ug/l	100
90) Hexachloroethane	12.59	117	61990	19.384	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	187226	19.151	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26777	17.538	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	128598	17.822	ug/l	98
94) Hexachlorobutadiene	13.78	225	67863	19.444	ug/l	99
95) Naphthalene	13.83	128	368331	19.198	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	132876	19.060	ug/l	99

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

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