

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021220\
 Data File : VX014931.D
 Acq On : 12 Feb 2020 17:16
 Operator : JC/SP
 Sample : L1495-07MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MS

Manual Integrations
 APPROVED

MMDadoda
 2/13/2020 11:14:44 AM

Quant Time: Feb 13 04:52:15 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	474924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	722160	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	686508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	373934	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	232427	43.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.72%	
35) Dibromofluoromethane	5.49	113	191818	43.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.42%	
50) Toluene-d8	8.71	98	736951	43.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.98%	
62) 4-Bromofluorobenzene	11.13	95	268574	43.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	209483	46.576	ug/l	99
3) Chloromethane	1.32	50	231335	45.368	ug/l	99
4) Vinyl Chloride	1.40	62	252735	46.010	ug/l	99
5) Bromomethane	1.63	94	156928	44.136	ug/l	96
6) Chloroethane	1.72	64	157528	44.819	ug/l	99
7) Trichlorofluoromethane	1.92	101	345176	44.976	ug/l	99
8) Diethyl Ether	2.18	74	146130	45.916	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	194064	43.562	ug/l	100
10) Methyl Iodide	2.50	142	227061	46.094	ug/l	98
11) Tert butyl alcohol	3.03	59	223357	236.016	ug/l	99
12) 1,1-Dichloroethene	2.37	96	199152	45.749	ug/l	97
13) Acrolein	2.28	56	105845	146.746	ug/l	99
14) Allyl chloride	2.72	41	336683	43.623	ug/l	99
15) Acrylonitrile	3.13	53	562487	234.457	ug/l	99
16) Acetone	2.43	43	471210	159.714	ug/l	99
17) Carbon Disulfide	2.56	76	530795	43.641	ug/l	100
18) Methyl Acetate	2.76	43	247640	45.875	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	655475	46.267	ug/l	97
20) Methylene Chloride	2.85	84	222322	43.119	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	216390	45.050	ug/l	99
22) Diisopropyl ether	3.84	45	682093	46.273	ug/l	88
23) Vinyl Acetate	3.80	43	2055161	169.128	ug/l	100
24) 1,1-Dichloroethane	3.69	63	377629	45.392	ug/l	99
25) 2-Butanone	4.65	43	769420	210.858	ug/l	99
26) 2,2-Dichloropropane	4.58	77	294651	41.097	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	252357	47.000	ug/l	98
28) Bromochloromethane	5.01	49	152062	47.156	ug/l	99
29) Tetrahydrofuran	5.11	42	501374	241.703	ug/l	99
30) Chloroform	5.20	83	387967	47.003	ug/l	99
31) Cyclohexane	5.58	56	339768	44.840	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	324265	44.911	ug/l	99
36) 1,1-Dichloropropene	5.79	75	288079	44.595	ug/l	100
37) Ethyl Acetate	4.82	43	309687	45.964	ug/l	100
38) Carbon Tetrachloride	5.78	117	278092	44.174	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	346386	42.874	ug/l	97
40) Benzene	6.14	78	870201	45.085	ug/l	100
41) Methacrylonitrile	5.03	41	172656	47.568	ug/l	99
42) 1,2-Dichloroethane	6.18	62	310230	44.471	ug/l	99
43) Isopropyl Acetate	6.43	43	507724	45.681	ug/l	100
44) Trichloroethene	7.21	130	263402	47.010	ug/l	99
45) 1,2-Dichloropropane	7.51	63	222003	45.101	ug/l	97
46) Dibromomethane	7.65	93	150269	44.660	ug/l	99
47) Bromodichloromethane	7.89	83	298536	44.748	ug/l	98
48) Methyl methacrylate	7.76	41	256306	46.858	ug/l	99
49) 1,4-Dioxane	7.73	88	102571	1002.952	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1576346	234.882	ug/l	100
52) Toluene	8.78	92	554218	45.209	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	330024	45.137	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	354676	43.911	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	226961	45.760	ug/l	99
56) Ethyl methacrylate	9.17	69	350720	47.045	ug/l	99
57) 1,3-Dichloropropane	9.37	76	375709	45.001	ug/l	99
59) 2-Hexanone	9.48	43	1203401	228.128	ug/l	100
60) Dibromochloromethane	9.57	129	245068	45.915	ug/l	97
61) 1,2-Dibromoethane	9.67	107	240689	44.977	ug/l	99
64) Tetrachloroethene	9.33	164	245075	38.182	ug/l	98
65) Chlorobenzene	10.14	112	596765	42.858	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	222436	44.002	ug/l	99
67) Ethyl Benzene	10.25	91	1058268	44.689	ug/l	99
68) m/p-Xylenes	10.35	106	806538	88.411	ug/l	99
69) o-Xylene	10.70	106	385759	43.990	ug/l	100
70) Styrene	10.71	104	301936	20.352	ug/l	89
71) Bromoform	10.85	173	188799	44.745	ug/l	99
73) Isopropylbenzene	11.01	105	1039537	44.330	ug/l	100
74) N-amyl acetate	10.89	43	447381	45.916	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	340446	44.413	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	277267m	41.004	ug/l	
77) Bromobenzene	11.25	156	276958	42.315	ug/l	98
78) n-propylbenzene	11.35	91	1173577	43.270	ug/l	100
79) 2-Chlorotoluene	11.42	91	688464	43.178	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	870704	44.438	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	111689	42.279	ug/l	97
82) 4-Chlorotoluene	11.51	91	809001	42.845	ug/l	100
83) tert-Butylbenzene	11.76	119	857050	46.191	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	869924	44.056	ug/l	99
85) sec-Butylbenzene	11.94	105	1006704	43.675	ug/l	99
86) p-Isopropyltoluene	12.06	119	943530	43.743	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	491011	41.817	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	494481	41.239	ug/l	99
89) n-Butylbenzene	12.38	91	825995	42.758	ug/l	100
90) Hexachloroethane	12.59	117	162825	43.226	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	491192	42.658	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	74540	41.449	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	353587	41.603	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	169831	41.313	ug/l	98
95) Naphthalene	13.83	128	1043058	46.158	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	352514	42.930	ug/l	99

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

