

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051820\
 Data File : VX016312.D
 Acq On : 18 May 2020 20:42
 Operator : JC/SP
 Sample : L2672-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MS

Manual Integrations
 APPROVED

MMDadoda
 5/19/2020 2:27:10 PM

Quant Time: May 19 02:53:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	256777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	415929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	395625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197372	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	154733	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
35) Dibromofluoromethane	5.47	113	127595	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	8.70	98	494161	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	11.12	95	194336	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	131799	48.493	ug/l	100
3) Chloromethane	1.31	50	135651	42.976	ug/l	99
4) Vinyl Chloride	1.39	62	170522	50.637	ug/l	99
5) Bromomethane	1.62	94	60299	35.517	ug/l	95
6) Chloroethane	1.70	64	97285	47.479	ug/l	98
7) Trichlorofluoromethane	1.91	101	209023	47.279	ug/l	99
8) Diethyl Ether	2.17	74	89011	47.784	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	117370	46.015	ug/l	99
10) Methyl Iodide	2.49	142	80988	23.638	ug/l	98
11) Tert butyl alcohol	3.02	59	201422	235.735	ug/l	100
12) 1,1-Dichloroethene	2.36	96	124137	46.507	ug/l	99
13) Acrolein	2.27	56	159802	298.874	ug/l	98
14) Allyl chloride	2.71	41	221676	45.294	ug/l	95
15) Acrylonitrile	3.12	53	449842	253.783	ug/l	98
16) Acetone	2.42	43	347252	230.328	ug/l	95
17) Carbon Disulfide	2.55	76	344121	42.901	ug/l	99
18) Methyl Acetate	2.75	43	189824	51.208	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	473076	51.412	ug/l	99
20) Methylene Chloride	2.84	84	149765	48.187	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	142302	47.841	ug/l	98
22) Diisopropyl ether	3.82	45	453854	49.155	ug/l	98
23) Vinyl Acetate	3.79	43	1932978	237.959	ug/l	98
24) 1,1-Dichloroethane	3.67	63	257301	49.816	ug/l	98
25) 2-Butanone	4.64	43	605794	249.357	ug/l	100
26) 2,2-Dichloropropane	4.55	77	202629	42.958	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	187599	57.690	ug/l	95
28) Bromochloromethane	4.98	49	111372	47.289	ug/l	94
29) Tetrahydrofuran	5.09	42	396890	246.555	ug/l	96
30) Chloroform	5.18	83	262406	51.026	ug/l	98
31) Cyclohexane	5.55	56	207475	44.200	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	230873	49.390	ug/l	98
36) 1,1-Dichloropropene	5.77	75	191471	46.766	ug/l	100
37) Ethyl Acetate	4.80	43	223515	47.102	ug/l	98
38) Carbon Tetrachloride	5.76	117	201635	48.452	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	195543	39.659	ug/l	99
40) Benzene	6.12	78	1683045	140.493	ug/l	99
41) Methacrylonitrile	5.01	41	127050	49.576	ug/l	98
42) 1,2-Dichloroethane	6.17	62	215105	49.846	ug/l	99
43) Isopropyl Acetate	6.42	43	361398	47.732	ug/l	97
44) Trichloroethene	7.19	130	178715	41.992	ug/l	97
45) 1,2-Dichloropropane	7.49	63	154611	51.006	ug/l	100
46) Dibromomethane	7.64	93	102034	49.532	ug/l	97
47) Bromodichloromethane	7.88	83	214766	51.191	ug/l	98
48) Methyl methacrylate	7.74	41	173561	48.377	ug/l	94
49) 1,4-Dioxane	7.71	88	77098	896.028	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1168477	252.195	ug/l	97
52) Toluene	8.77	92	393361	52.680	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	246376	49.254	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	256903	49.170	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	158232	53.861	ug/l	99
56) Ethyl methacrylate	9.16	69	256376	53.463	ug/l	92
57) 1,3-Dichloropropane	9.35	76	267654	52.213	ug/l	100
59) 2-Hexanone	9.48	43	903664	248.356	ug/l	95
60) Dibromochloromethane	9.57	129	177718	54.926	ug/l	100
61) 1,2-Dibromoethane	9.65	107	166278	52.253	ug/l	99
64) Tetrachloroethene	9.32	164	194023	39.949	ug/l	98
65) Chlorobenzene	10.13	112	7587260	915.900	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.21	131	156865	51.232	ug/l	99
67) Ethyl Benzene	10.24	91	734705	49.707	ug/l	99
68) m/p-Xylenes	10.34	106	546229	98.637	ug/l	99
69) o-Xylene	10.68	106	268041	50.354	ug/l	99
70) Stvrene	10.70	104	467615	51.781	ug/l	99
71) Bromoform	10.84	173	131447	52.694	ug/l #	99
73) Isopropylbenzene	11.00	105	708614	49.361	ug/l	100
74) N-amyl acetate	10.88	43	310747	46.407	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	202076	68.501	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	222964m	49.782	ug/l	
77) Bromobenzene	11.24	156	180050	48.591	ug/l	99
78) n-propylbenzene	11.35	91	786205	47.076	ug/l	100
79) 2-Chlorotoluene	11.40	91	473827	48.066	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	564640	46.584	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	89372	47.553	ug/l	96
82) 4-Chlorotoluene	11.49	91	554891	47.667	ug/l	99
83) tert-Butylbenzene	11.76	119	520766	49.854	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	578050	47.172	ug/l	100
85) sec-Butylbenzene	11.93	105	599807	42.528	ug/l	96
86) p-Isopropyltoluene	12.05	119	541058	41.319	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	539326	81.062	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	818964	121.276	ug/l	99
89) n-Butylbenzene	12.37	91	448083	37.457	ug/l	100
90) Hexachloroethane	12.58	117	95466	42.451	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	2384127	372.146	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59103	50.069	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	200176	42.204	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	65679	32.345	ug/l	98
95) Naphthalene	13.82	128	760144	49.495	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	191083	41.222	ug/l	99

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

