

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017353.D
 Acq On : 13 Jul 2020 14:57
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071320

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:35:54 AM

Quant Time: Jul 14 03:09:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	353267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	522399	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	491009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	271780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	195559	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
35) Dibromofluoromethane	5.46	113	159784	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
50) Toluene-d8	8.70	98	587463	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
62) 4-Bromofluorobenzene	11.12	95	234878	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	154781	51.779	ug/l	100
3) Chloromethane	1.31	50	163373	48.546	ug/l	97
4) Vinyl Chloride	1.39	62	164112	49.294	ug/l	98
5) Bromomethane	1.62	94	107194	49.460	ug/l	100
6) Chloroethane	1.71	64	98488	46.867	ug/l	100
7) Trichlorofluoromethane	1.92	101	255763	45.516	ug/l	97
8) Diethyl Ether	2.17	74	89612	45.116	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	137262	42.881	ug/l	99
10) Methyl Iodide	2.49	142	184155	43.722	ug/l	98
11) Tert butyl alcohol	3.01	59	167474	224.191	ug/l	99
12) 1,1-Dichloroethene	2.36	96	132479	41.208	ug/l	97
13) Acrolein	2.27	56	94034	229.634	ug/l	98
14) Allyl chloride	2.70	41	258572	46.418	ug/l	98
15) Acrylonitrile	3.11	53	426650	235.603	ug/l	99
16) Acetone	2.42	43	337323	213.254	ug/l	99
17) Carbon Disulfide	2.55	76	425204	45.339	ug/l	100
18) Methyl Acetate	2.75	43	178269	45.630	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	518540	47.503	ug/l	99
20) Methylene Chloride	2.83	84	167271	43.342	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	165592	45.020	ug/l	97
22) Diisopropyl ether	3.82	45	512424	48.291	ug/l	92
23) Vinyl Acetate	3.78	43	2325233	249.166	ug/l	100
24) 1,1-Dichloroethane	3.67	63	286277	45.907	ug/l	100
25) 2-Butanone	4.63	43	580656	231.121	ug/l	98
26) 2,2-Dichloropropane	4.55	77	264115	45.508	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	187025	46.367	ug/l	98
28) Bromochloromethane	4.98	49	133980	46.508	ug/l	99
29) Tetrahydrofuran	5.09	42	386241	237.498	ug/l	98
30) Chloroform	5.17	83	301559	44.946	ug/l	98
31) Cyclohexane	5.54	56	255707	50.088	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	278544	44.908	ug/l	99
36) 1,1-Dichloropropene	5.77	75	229467	47.755	ug/l	100
37) Ethyl Acetate	4.79	43	233434	46.975	ug/l	99
38) Carbon Tetrachloride	5.75	117	255186	45.359	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	267879	51.337	ug/l	97
40) Benzene	6.11	78	658905	47.714	ug/l	99
41) Methacrylonitrile	5.00	41	132148	49.536	ug/l	98
42) 1,2-Dichloroethane	6.16	62	246274	45.901	ug/l	99
43) Isopropyl Acetate	6.41	43	392678	49.453	ug/l	99
44) Trichloroethene	7.18	130	196493	46.583	ug/l	95
45) 1,2-Dichloropropane	7.49	63	173969	49.235	ug/l	99
46) Dibromomethane	7.63	93	121803	47.796	ug/l	98
47) Bromodichloromethane	7.87	83	250854	47.084	ug/l	97
48) Methyl methacrylate	7.74	41	192006	50.390	ug/l	99
49) 1,4-Dioxane	7.71	88	72451	929.125	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1206491	249.188	ug/l	99
52) Toluene	8.76	92	430351	48.563	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	285920	49.814	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	299069	48.853	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	176732	47.826	ug/l	99
56) Ethyl methacrylate	9.16	69	272973	52.031	ug/l	99
57) 1,3-Dichloropropane	9.35	76	294319	47.881	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	699978	262.772	ug/l	99
59) 2-Hexanone	9.47	43	901853	246.793	ug/l	99
60) Dibromochloromethane	9.56	129	210137	46.548	ug/l	99
61) 1,2-Dibromoethane	9.65	107	193963	48.250	ug/l	100
64) Tetrachloroethene	9.32	164	195189	45.929	ug/l	99
65) Chlorobenzene	10.12	112	483118	48.417	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	191204	48.129	ug/l	98
67) Ethyl Benzene	10.23	91	836826	50.377	ug/l	98
68) m/p-Xylenes	10.34	106	648129	102.548	ug/l	98
69) o-Xylene	10.68	106	303992	50.336	ug/l	98
70) Styrene	10.70	104	535533	51.659	ug/l	99
71) Bromoform	10.84	173	161778	48.258	ug/l #	99
73) Isopropylbenzene	11.00	105	834957	49.008	ug/l	100
74) N-amyl acetate	10.88	43	360425	52.866	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	251860	48.689	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	251547m	50.089	ug/l	
77) Bromobenzene	11.24	156	228342	47.058	ug/l	97
78) n-propylbenzene	11.34	91	971682	50.783	ug/l	100
79) 2-Chlorotoluene	11.40	91	575673	48.822	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	723469	50.025	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	96949	48.972	ug/l	99
82) 4-Chlorotoluene	11.49	91	692517	49.558	ug/l	100
83) tert-Butylbenzene	11.76	119	703901	50.350	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	744750	50.973	ug/l	100
85) sec-Butylbenzene	11.93	105	827532	50.560	ug/l	99
86) p-Isopropyltoluene	12.05	119	793206	51.218	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	415123	47.823	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	415667	47.397	ug/l	99
89) n-Butylbenzene	12.37	91	685180	51.877	ug/l	99
90) Hexachloroethane	12.58	117	143862	48.931	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	387563	47.511	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59005	43.229	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	273633	48.323	ug/l	99
94) Hexachlorobutadiene	13.77	225	112534	48.731	ug/l	98
95) Naphthalene	13.82	128	852941	51.230	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	271651	49.663	ug/l	97

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

