

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050420\
 Data File : VX016035.D
 Acq On : 04 May 2020 14:39
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX050420

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:35:28 AM

Quant Time: May 05 07:41:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:11:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	332790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	529586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	500305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	251728	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	198672	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
35) Dibromofluoromethane	5.46	113	152908	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	
50) Toluene-d8	8.70	98	598796	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
62) 4-Bromofluorobenzene	11.12	95	228500	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	162652	46.175	ug/l	99
3) Chloromethane	1.31	50	183789	44.927	ug/l	99
4) Vinyl Chloride	1.39	62	198780	45.545	ug/l	99
5) Bromomethane	1.62	94	108006	49.087	ug/l	97
6) Chloroethane	1.70	64	127476	48.004	ug/l	97
7) Trichlorofluoromethane	1.91	101	272668	47.587	ug/l	98
8) Diethyl Ether	2.17	74	114585	47.462	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	154578	46.760	ug/l	99
10) Methyl Iodide	2.49	142	207694	46.773	ug/l	100
11) Tert butyl alcohol	3.02	59	261651	236.279	ug/l	100
12) 1,1-Dichloroethene	2.36	96	158692	45.873	ug/l	97
13) Acrolein	2.27	56	160415	231.492	ug/l	100
14) Allyl chloride	2.71	41	291402	45.941	ug/l	98
15) Acrylonitrile	3.12	53	523246	227.769	ug/l	99
16) Acetone	2.42	43	450095	230.352	ug/l	100
17) Carbon Disulfide	2.55	76	488275	46.988	ug/l	99
18) Methyl Acetate	2.75	43	218938	45.571	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	562409	47.160	ug/l	99
20) Methylene Chloride	2.84	84	176425	43.799	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	173152	44.916	ug/l	98
22) Diisopropyl ether	3.82	45	554559	46.343	ug/l	98
23) Vinyl Acetate	3.79	43	2522258	239.580	ug/l	99
24) 1,1-Dichloroethane	3.67	63	311355	46.513	ug/l	99
25) 2-Butanone	4.64	43	740690	235.244	ug/l	100
26) 2,2-Dichloropropane	4.55	77	287482	47.026	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	195705	46.436	ug/l	100
28) Bromochloromethane	4.98	49	136802	44.819	ug/l	98
29) Tetrahydrofuran	5.09	42	486910	233.388	ug/l	99
30) Chloroform	5.18	83	312403	46.873	ug/l	97
31) Cyclohexane	5.55	56	284880	46.828	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	282311	46.599	ug/l	99
36) 1,1-Dichloropropene	5.77	75	240136	46.064	ug/l	100
37) Ethyl Acetate	4.80	43	283757	46.964	ug/l	99
38) Carbon Tetrachloride	5.76	117	251707	47.504	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	291975	46.508	ug/l	100
40) Benzene	6.12	78	706078	46.291	ug/l	100
41) Methacrylonitrile	5.01	41	154744	47.424	ug/l	99
42) 1,2-Dichloroethane	6.17	62	255070	46.421	ug/l	100
43) Isopropyl Acetate	6.42	43	456429	47.346	ug/l	100
44) Trichloroethene	7.19	130	237307	43.793	ug/l	98
45) 1,2-Dichloropropane	7.49	63	180240	46.700	ug/l	99
46) Dibromomethane	7.64	93	121707	46.403	ug/l	99
47) Bromodichloromethane	7.88	83	253987	47.547	ug/l	98
48) Methyl methacrylate	7.75	41	217209	47.550	ug/l	99
49) 1,4-Dioxane	7.71	88	102919	939.413	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1409750	238.969	ug/l	100
52) Toluene	8.77	92	448841	47.209	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	302728	47.531	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	315685	47.453	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	176997	47.318	ug/l	100
56) Ethyl methacrylate	9.16	69	296407	48.545	ug/l	99
57) 1,3-Dichloropropane	9.35	76	305187	46.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	786266	241.884	ug/l	99
59) 2-Hexanone	9.48	43	1106704	238.881	ug/l	100
60) Dibromochloromethane	9.57	129	201360	48.877	ug/l	100
61) 1,2-Dibromoethane	9.65	107	193908	47.858	ug/l	100
64) Tetrachloroethene	9.32	164	275084	44.788	ug/l	96
65) Chlorobenzene	10.12	112	481059	45.921	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	180433	46.600	ug/l	100
67) Ethyl Benzene	10.24	91	858448	45.927	ug/l	100
68) m/p-Xylenes	10.34	106	660513	94.318	ug/l	100
69) o-Xylene	10.68	106	315885	46.926	ug/l	99
70) Styrene	10.70	104	538763	47.177	ug/l	100
71) Bromoform	10.84	173	151702	48.089	ug/l #	99
73) Isopropylbenzene	11.01	105	852249	46.547	ug/l	99
74) N-amyl acetate	10.88	43	395276	46.284	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	177388	45.034	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	256891m	44.972	ug/l	
77) Bromobenzene	11.24	156	212180	44.897	ug/l	98
78) n-propylbenzene	11.35	91	977493	45.892	ug/l	99
79) 2-Chlorotoluene	11.41	91	572140	45.506	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	713885	46.179	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	114418	47.733	ug/l	99
82) 4-Chlorotoluene	11.49	91	673897	45.390	ug/l	100
83) tert-Butylbenzene	11.76	119	618865	46.453	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	717029	45.878	ug/l	99
85) sec-Butylbenzene	11.93	105	824759	45.851	ug/l	100
86) p-Isopropyltoluene	12.05	119	769776	46.092	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	374372	44.119	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	376555	43.721	ug/l	98
89) n-Butylbenzene	12.37	91	696645	45.660	ug/l	99
90) Hexachloroethane	12.58	117	133735	46.627	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	364577	44.620	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	65985	43.829	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	271485	44.879	ug/l	98
94) Hexachlorobutadiene	13.77	225	124956	47.992	ug/l	98
95) Naphthalene	13.82	128	877364	44.792	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	263103	44.503	ug/l	99

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

