

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042420\
 Data File : VX015928.D
 Acq On : 24 Apr 2020 12:35
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 4/27/2020 12:39:55 PM

Quant Time: Apr 24 13:01:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 12:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	138219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	264213	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	247127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118854	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	207207	107.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.04%	
35) Dibromofluoromethane	5.47	113	150857	102.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.24%	
50) Toluene-d8	8.70	98	637963	107.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.72%	
62) 4-Bromofluorobenzene	11.12	95	260826	103.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	165734	114.119	ug/l	98
3) Chloromethane	1.31	50	172046	115.072	ug/l	99
4) Vinyl Chloride	1.39	62	216791	112.119	ug/l	100
5) Bromomethane	1.62	94	54944	63.566	ug/l	98
6) Chloroethane	1.70	64	126818	106.743	ug/l	97
7) Trichlorofluoromethane	1.91	101	244738	105.640	ug/l	99
8) Diethyl Ether	2.17	74	113592	102.043	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	156477	107.401	ug/l	99
10) Methyl Iodide	2.49	142	182478	131.153	ug/l	99
11) Tert butyl alcohol	3.03	59	228051	571.593	ug/l	99
12) 1,1-Dichloroethene	2.36	96	164805	108.102	ug/l	97
13) Acrolein	2.27	56	130721	495.728	ug/l	99
14) Allyl chloride	2.71	41	291147	107.277	ug/l	99
15) Acrylonitrile	3.12	53	500202	568.058	ug/l	100
16) Acetone	2.42	43	389619	545.077	ug/l	100
17) Carbon Disulfide	2.55	76	436261	89.340	ug/l	100
18) Methyl Acetate	2.75	43	237765	111.045	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	599480	110.281	ug/l	100
20) Methylene Chloride	2.84	84	190889	107.914	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	183941	108.007	ug/l	100
22) Diisopropyl ether	3.83	45	577146	108.109	ug/l #	87
23) Vinyl Acetate	3.79	43	2416362	557.919	ug/l	99
24) 1,1-Dichloroethane	3.67	63	333065	109.647	ug/l	99
25) 2-Butanone	4.64	43	651879	569.391	ug/l	100
26) 2,2-Dichloropropane	4.55	77	287829	106.175	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	209153	107.932	ug/l	99
28) Bromochloromethane	4.98	49	141031	104.098	ug/l	99
29) Tetrahydrofuran	5.09	42	423462	556.571	ug/l	100
30) Chloroform	5.18	83	329218	109.641	ug/l	100
31) Cyclohexane	5.55	56	301688	109.238	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	291275	106.960	ug/l	100
36) 1,1-Dichloropropene	5.77	75	257933	103.188	ug/l	99
37) Ethyl Acetate	4.80	43	261012	104.311	ug/l	99
38) Carbon Tetrachloride	5.76	117	241776	107.288	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	316265	105.092	ug/l	98
40) Benzene	6.12	78	768044	105.929	ug/l	97
41) Methacrylonitrile	5.01	41	144750	100.849	ug/l	99
42) 1,2-Dichloroethane	6.17	62	269003	105.833	ug/l	99
43) Isopropyl Acetate	6.42	43	440879	109.090	ug/l	100
44) Trichloroethene	7.19	130	232079	102.999	ug/l	99
45) 1,2-Dichloropropane	7.49	63	197126	106.458	ug/l	99
46) Dibromomethane	7.64	93	131630	106.125	ug/l	99
47) Bromodichloromethane	7.88	83	273391	109.958	ug/l	100
48) Methyl methacrylate	7.75	41	214410	107.672	ug/l	100
49) 1,4-Dioxane	7.72	88	99895	2308.175	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1320957	565.578	ug/l	100
52) Toluene	8.77	92	489482	106.534	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	326895	108.724	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	343010	109.138	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	194051	105.468	ug/l	99
56) Ethyl methacrylate	9.16	69	328135	114.424	ug/l	99
57) 1,3-Dichloropropane	9.35	76	337363	108.024	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	807189	566.134	ug/l	99
59) 2-Hexanone	9.48	43	1024087	583.621	ug/l	99
60) Dibromochloromethane	9.57	129	203231	115.491	ug/l	99
61) 1,2-Dibromoethane	9.66	107	203470	107.933	ug/l	100
64) Tetrachloroethene	9.32	164	250071	101.902	ug/l	97
65) Chlorobenzene	10.12	112	515535	107.206	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	185510	110.031	ug/l	99
67) Ethyl Benzene	10.24	91	946409	106.343	ug/l	100
68) m/p-Xylenes	10.34	106	698658	215.723	ug/l	100
69) o-Xylene	10.68	106	342066	108.407	ug/l	100
70) Styrene	10.70	104	608124	114.306	ug/l	100
71) Bromoform	10.84	173	135568	126.307	ug/l #	96
73) Isopropylbenzene	11.01	105	911639	104.820	ug/l	99
74) N-amyl acetate	10.88	43	413066	111.936	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	217298	114.752	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	271941m	87.504	ug/l	
77) Bromobenzene	11.24	156	210060	107.623	ug/l	99
78) n-propylbenzene	11.35	91	1079062	105.515	ug/l	100
79) 2-Chlorotoluene	11.41	91	641811	107.660	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	786574	107.962	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	121049	119.455	ug/l	99
82) 4-Chlorotoluene	11.49	91	769892	108.114	ug/l	99
83) tert-Butylbenzene	11.76	119	664334	107.815	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	805612	107.734	ug/l	100
85) sec-Butylbenzene	11.93	105	918572	109.789	ug/l	100
86) p-Isopropyltoluene	12.05	119	831315	109.021	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	384161	106.973	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	391806	107.504	ug/l	100
89) n-Butylbenzene	12.37	91	792368	110.896	ug/l	99
90) Hexachloroethane	12.58	117	138097	121.931	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	371309	105.966	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	67315	110.199	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	241368	108.577	ug/l	100
94) Hexachlorobutadiene	13.77	225	83262	105.047	ug/l	95
95) Naphthalene	13.82	128	899890	112.228	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	234921	111.915	ug/l	94

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

