

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015833.D
 Acq On : 22 Apr 2020 10:44
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 11:58:04 AM

Quant Time: Apr 22 12:08:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 11:43:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1004856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1511560	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1410736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	753697	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	219234	18.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.62%	
35) Dibromofluoromethane	5.48	113	170334	17.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.64%	
50) Toluene-d8	8.70	98	691727	19.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.04%	
62) 4-Bromofluorobenzene	11.12	95	271174	17.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	182728	22.493	ug/l	98
3) Chloromethane	1.31	50	164871	19.161	ug/l	100
4) Vinyl Chloride	1.39	62	189958	18.735	ug/l	99
5) Bromomethane	1.64	94	78002	19.090	ug/l	98
6) Chloroethane	1.72	64	109524	18.836	ug/l	98
7) Trichlorofluoromethane	1.92	101	244549	19.125	ug/l	94
8) Diethyl Ether	2.17	74	93102	18.025	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	158441	18.292	ug/l	99
10) Methyl Iodide	2.50	142	191146	19.237	ug/l	99
11) Tert butyl alcohol	3.01	59	208892	92.321	ug/l	99
12) 1,1-Dichloroethene	2.36	96	165477	18.826	ug/l	92
13) Acrolein	2.28	56	120324	86.728	ug/l	99
14) Allyl chloride	2.71	41	352839	18.745	ug/l	99
15) Acrylonitrile	3.12	53	515839	96.406	ug/l	100
16) Acetone	2.42	43	430082	83.326	ug/l	97
17) Carbon Disulfide	2.56	76	493663	13.860	ug/l	98
18) Methyl Acetate	2.75	43	297760	18.181	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	585764	18.952	ug/l	100
20) Methylene Chloride	2.84	84	187219	18.281	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	176916	17.958	ug/l	93
22) Diisopropyl ether	3.83	45	641616	18.937	ug/l #	86
23) Vinyl Acetate	3.79	43	2662912	94.009	ug/l	99
24) 1,1-Dichloroethane	3.67	63	330510	18.925	ug/l	99
25) 2-Butanone	4.64	43	721839	92.504	ug/l	98
26) 2,2-Dichloropropane	4.56	77	296981	18.925	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	208331	18.897	ug/l	99
28) Bromochloromethane	4.99	49	182167	19.204	ug/l #	98
29) Tetrahydrofuran	5.09	42	485057	93.593	ug/l	99
30) Chloroform	5.18	83	326548	18.356	ug/l	97
31) Cyclohexane	5.56	56	313088	18.438	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	292689	18.642	ug/l	100
36) 1,1-Dichloropropene	5.78	75	253593	19.114	ug/l	99
37) Ethyl Acetate	4.79	43	288537	18.085	ug/l	99
38) Carbon Tetrachloride	5.76	117	247032	19.167	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	315414	18.454	ug/l	99
40) Benzene	6.12	78	757538	18.645	ug/l	99
41) Methacrylonitrile	5.01	41	168737	22.398	ug/l	99
42) 1,2-Dichloroethane	6.17	62	272364	18.649	ug/l	100
43) Isopropyl Acetate	6.42	43	498245	18.607	ug/l	99
44) Trichloroethene	7.19	130	268926	18.938	ug/l	95
45) 1,2-Dichloropropane	7.50	63	194900	18.466	ug/l	97
46) Dibromomethane	7.64	93	144627	18.205	ug/l	98
47) Bromodichloromethane	7.88	83	251887	18.739	ug/l	99
48) Methyl methacrylate	7.75	41	246505	18.905	ug/l	97
49) 1,4-Dioxane	7.72	88	83193	328.590	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1475482	95.048	ug/l	99
52) Toluene	8.77	92	487184	18.686	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	319812	19.097	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	332526	18.629	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	189578	18.865	ug/l	99
56) Ethyl methacrylate	9.16	69	318135	18.886	ug/l	99
57) 1,3-Dichloropropane	9.36	76	328527	18.776	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	798243	93.883	ug/l	99
59) 2-Hexanone	9.47	43	1109316	94.742	ug/l	99
60) Dibromochloromethane	9.57	129	180860	18.399	ug/l	99
61) 1,2-Dibromoethane	9.65	107	204246	18.204	ug/l	97
64) Tetrachloroethene	9.32	164	357162	18.068	ug/l	93
65) Chlorobenzene	10.12	112	519608	18.239	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	192811	18.451	ug/l	99
67) Ethyl Benzene	10.24	91	940999	18.675	ug/l	99
68) m/p-Xylenes	10.34	106	707556	37.570	ug/l	99
69) o-Xylene	10.68	106	337399	18.251	ug/l	99
70) Styrene	10.70	104	597191	18.792	ug/l	99
71) Bromoform	10.84	173	113442	18.861	ug/l #	95
73) Isopropylbenzene	11.00	105	922584	19.149	ug/l	100
74) N-amyl acetate	10.88	43	455364	18.546	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	189619	19.099	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	273187m	15.708	ug/l	
77) Bromobenzene	11.24	156	242826	18.596	ug/l	98
78) n-propylbenzene	11.34	91	1044934	18.912	ug/l	99
79) 2-Chlorotoluene	11.40	91	619825	18.842	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	775243	19.041	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	107704	19.381	ug/l	95
82) 4-Chlorotoluene	11.49	91	736485	18.776	ug/l	99
83) tert-Butylbenzene	11.76	119	670470	18.517	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	789602	18.651	ug/l	99
85) sec-Butylbenzene	11.93	105	893683	18.684	ug/l	100
86) p-Isopropyltoluene	12.05	119	858155	19.273	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	436653	18.166	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	448754	18.734	ug/l	98
89) n-Butylbenzene	12.37	91	739783	18.643	ug/l	99
90) Hexachloroethane	12.58	117	78454	19.988	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	430041	18.975	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51733	18.143	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	332849	18.599	ug/l	99
94) Hexachlorobutadiene	13.76	225	146352	18.382	ug/l	97
95) Naphthalene	13.82	128	971292	18.915	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	325178	18.790	ug/l	96

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

