

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021220\
 Data File : VX014935.D
 Acq On : 12 Feb 2020 18:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/13/2020 11:14:55 AM

Quant Time: Feb 13 05:36:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	457160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	687515	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	652895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	352911	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	253165	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.49	113	212990	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	8.71	98	813976	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.13	95	305612	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	218910	50.564	ug/l	100
3) Chloromethane	1.32	50	252159	51.373	ug/l	99
4) Vinyl Chloride	1.40	62	268498	50.779	ug/l	98
5) Bromomethane	1.63	94	165309	48.299	ug/l	97
6) Chloroethane	1.72	64	168717	49.868	ug/l	98
7) Trichlorofluoromethane	1.92	101	363407	49.191	ug/l	98
8) Diethyl Ether	2.18	74	155414	50.730	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	205883	48.011	ug/l	100
10) Methyl Iodide	2.50	142	269429	55.803	ug/l	99
11) Tert butyl alcohol	3.03	59	272261	298.871	ug/l	100
12) 1,1-Dichloroethene	2.37	96	210060	50.130	ug/l	96
13) Acrolein	2.28	56	147102	211.870	ug/l	98
14) Allyl chloride	2.72	41	370588	49.882	ug/l	98
15) Acrylonitrile	3.13	53	600657	260.096	ug/l	99
16) Acetone	2.43	43	600150	215.015	ug/l	98
17) Carbon Disulfide	2.56	76	564525	48.218	ug/l	99
18) Methyl Acetate	2.76	43	272723	52.484	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	705586	51.739	ug/l	100
20) Methylene Chloride	2.85	84	234743	47.297	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	227941	49.299	ug/l	98
22) Diisopropyl ether	3.84	45	733484	51.693	ug/l	94
23) Vinyl Acetate	3.80	43	3224196	275.643	ug/l	100
24) 1,1-Dichloroethane	3.69	63	403421	50.376	ug/l	99
25) 2-Butanone	4.65	43	877551	249.835	ug/l	99
26) 2,2-Dichloropropane	4.58	77	332079	48.118	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	259657	50.238	ug/l	99
28) Bromochloromethane	5.01	49	162024	52.198	ug/l	99
29) Tetrahydrofuran	5.11	42	544631	272.759	ug/l	100
30) Chloroform	5.20	83	402648	50.677	ug/l	100
31) Cyclohexane	5.58	56	363166	49.790	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	346107	49.798	ug/l	99
36) 1,1-Dichloropropene	5.79	75	310001	50.406	ug/l	99
37) Ethyl Acetate	4.82	43	336271	52.424	ug/l	100
38) Carbon Tetrachloride	5.78	117	298911	49.873	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	383207	49.822	ug/l	98
40) Benzene	6.14	78	925721	50.379	ug/l	100
41) Methacrylonitrile	5.03	41	184801	53.480	ug/l	99
42) 1,2-Dichloroethane	6.18	62	326315	49.134	ug/l	99
43) Isopropyl Acetate	6.43	43	558625	52.794	ug/l	100
44) Trichloroethene	7.21	130	262054	49.126	ug/l	98
45) 1,2-Dichloropropane	7.51	63	236344	50.433	ug/l	97
46) Dibromomethane	7.65	93	159245	49.713	ug/l	99
47) Bromodichloromethane	7.89	83	315604	49.690	ug/l	99
48) Methyl methacrylate	7.76	41	278862	53.551	ug/l	100
49) 1,4-Dioxane	7.73	88	122136	1254.442	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1705780	266.976	ug/l	100
52) Toluene	8.78	92	591968	50.722	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	361317	51.907	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	390399	50.769	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	236174	50.018	ug/l	99
56) Ethyl methacrylate	9.17	69	384781	54.215	ug/l	99
57) 1,3-Dichloropropane	9.37	76	399654	50.281	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	975138	262.717	ug/l	100
59) 2-Hexanone	9.48	43	1331886	265.208	ug/l	99
60) Dibromochloromethane	9.57	129	257443	50.664	ug/l	98
61) 1,2-Dibromoethane	9.67	107	256121	50.272	ug/l	99
64) Tetrachloroethene	9.33	164	254256	41.652	ug/l	99
65) Chlorobenzene	10.14	112	649729	49.064	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	239501	49.817	ug/l	99
67) Ethyl Benzene	10.25	91	1143989	50.796	ug/l	98
68) m/p-Xylenes	10.35	106	878334	101.238	ug/l	97
69) o-Xylene	10.70	106	416154	49.899	ug/l	99
70) Styrene	10.71	104	742469	52.624	ug/l	99
71) Bromoform	10.85	173	203981	50.831	ug/l	99
73) Isopropylbenzene	11.01	105	1107773	50.054	ug/l	99
74) N-amyl acetate	10.89	43	523094	56.885	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	360941	49.891	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	302009m	47.324	ug/l	
77) Bromobenzene	11.25	156	302247	48.930	ug/l	98
78) n-propylbenzene	11.35	91	1288479	50.337	ug/l	100
79) 2-Chlorotoluene	11.42	91	740281	49.193	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	934863	50.555	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	125673	50.407	ug/l	99
82) 4-Chlorotoluene	11.51	91	881149	49.445	ug/l	100
83) tert-Butylbenzene	11.76	119	932838	53.271	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	950019	50.978	ug/l	99
85) sec-Butylbenzene	11.94	105	1087293	49.982	ug/l	100
86) p-Isopropyltoluene	12.06	119	1016933	49.955	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	547421	49.399	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	545493	48.204	ug/l	99
89) n-Butylbenzene	12.38	91	929715	50.994	ug/l	99
90) Hexachloroethane	12.59	117	177051	49.803	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	526381	48.437	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	82039	48.336	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	411773	51.335	ug/l	97
94) Hexachlorobutadiene	13.77	225	178978	46.131	ug/l	99
95) Naphthalene	13.83	128	1186475	55.632	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	394455	50.900	ug/l	99

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

