

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015859.D
 Acq On : 22 Apr 2020 23:25
 Operator : JC/SP
 Sample : VX0422WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 12:15:15 PM

Quant Time: Apr 23 07:19:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	905917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1400345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1322962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	673315	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	524262	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
35) Dibromofluoromethane	5.47	113	408587	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
50) Toluene-d8	8.70	98	1617902	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.12	95	618500	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	170365	21.970	ug/l	99
3) Chloromethane	1.31	50	158519	19.960	ug/l	99
4) Vinyl Chloride	1.39	62	177724	19.334	ug/l	98
5) Bromomethane	1.63	94	76288	24.744	ug/l	95
6) Chloroethane	1.72	64	101762	19.426	ug/l	97
7) Trichlorofluoromethane	1.92	101	233918	20.510	ug/l	100
8) Diethyl Ether	2.17	74	85643	18.517	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	146321	18.912	ug/l	99
10) Methyl Iodide	2.49	142	185763	19.434	ug/l	99
11) Tert butyl alcohol	3.01	59	211982	100.695	ug/l	100
12) 1,1-Dichloroethene	2.36	96	155518	19.600	ug/l	95
13) Acrolein	2.28	56	103717	83.264	ug/l	99
14) Allyl chloride	2.71	41	328486	19.482	ug/l	100
15) Acrylonitrile	3.12	53	491516	100.587	ug/l	100
16) Acetone	2.42	43	409783	91.339	ug/l	100
17) Carbon Disulfide	2.55	76	432092	14.995	ug/l	97
18) Methyl Acetate	2.75	43	280871	18.964	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	568398	20.291	ug/l	98
20) Methylene Chloride	2.84	84	179664	19.727	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	171692	19.502	ug/l	99
22) Diisopropyl ether	3.83	45	622085	20.470	ug/l	97
23) Vinyl Acetate	3.79	43	2543977	101.142	ug/l	100
24) 1,1-Dichloroethane	3.67	63	321673	20.308	ug/l	98
25) 2-Butanone	4.64	43	700612	98.801	ug/l	99
26) 2,2-Dichloropropane	4.56	77	232849	16.456	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	201320	20.142	ug/l	97
28) Bromochloromethane	4.98	49	148401	17.855	ug/l	98
29) Tetrahydrofuran	5.09	42	464444	99.022	ug/l	99
30) Chloroform	5.18	83	314536	19.736	ug/l	97
31) Cyclohexane	5.55	56	300088	19.935	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	286853	20.187	ug/l	99
36) 1,1-Dichloropropene	5.78	75	240107	19.341	ug/l	98
37) Ethyl Acetate	4.80	43	281648	19.063	ug/l	99
38) Carbon Tetrachloride	5.76	117	239660	19.599	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	287990	18.319	ug/l	97
40) Benzene	6.12	78	724020	19.364	ug/l	99
41) Methacrylonitrile	5.01	41	160478	19.547	ug/l	99
42) 1,2-Dichloroethane	6.17	62	258464	19.197	ug/l	99
43) Isopropyl Acetate	6.42	43	472444	18.957	ug/l	99
44) Trichloroethene	7.19	130	254441	19.364	ug/l	94
45) 1,2-Dichloropropane	7.50	63	195537	19.955	ug/l	95
46) Dibromomethane	7.64	93	136972	19.149	ug/l	97
47) Bromodichloromethane	7.88	83	247361	19.439	ug/l	96
48) Methyl methacrylate	7.75	41	238756	19.476	ug/l	99
49) 1,4-Dioxane	7.71	88	79980	345.207	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1415257	98.381	ug/l	99
52) Toluene	8.77	92	462053	19.279	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	300789	19.051	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	320818	19.225	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	186627	19.942	ug/l	97
56) Ethyl methacrylate	9.16	69	300391	18.950	ug/l	98
57) 1,3-Dichloropropane	9.35	76	320149	19.687	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	765842	96.713	ug/l	100
59) 2-Hexanone	9.47	43	1065039	97.184	ug/l	100
60) Dibromochloromethane	9.57	129	192875	19.957	ug/l	97
61) 1,2-Dibromoethane	9.65	107	196682	19.016	ug/l	100
64) Tetrachloroethene	9.32	164	326599	18.315	ug/l	94
65) Chlorobenzene	10.12	112	503654	19.038	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	189618	19.175	ug/l	98
67) Ethyl Benzene	10.24	91	900039	19.374	ug/l	100
68) m/p-Xylenes	10.34	106	684017	39.226	ug/l	99
69) o-Xylene	10.68	106	330695	19.272	ug/l	99
70) Styrene	10.70	104	567820	19.111	ug/l	100
71) Bromoform	10.84	173	126594	19.646	ug/l #	97
73) Isopropylbenzene	11.00	105	892623	20.874	ug/l	100
74) N-amyl acetate	10.88	43	432475	19.590	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	180285	19.921	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	250391m	19.556	ug/l	
77) Bromobenzene	11.24	156	232406	19.891	ug/l	99
78) n-propylbenzene	11.34	91	988052	20.170	ug/l	100
79) 2-Chlorotoluene	11.40	91	589071	20.019	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	730191	20.026	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	90445	16.993	ug/l	97
82) 4-Chlorotoluene	11.49	91	694251	19.855	ug/l	100
83) tert-Butylbenzene	11.76	119	643358	19.891	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	754723	19.937	ug/l	98
85) sec-Butylbenzene	11.93	105	833980	19.560	ug/l	99
86) p-Isopropyltoluene	12.05	119	787470	19.752	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	407362	18.993	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	420893	19.604	ug/l	98
89) n-Butylbenzene	12.37	91	669689	18.788	ug/l	99
90) Hexachloroethane	12.58	117	107377	25.495	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	393372	19.338	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52709	19.640	ug/l	96

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93) 1,2,4-Trichlorobenzene	13.63	180	303729	18.950	ug/l	100
94) Hexachlorobutadiene	13.77	225	136926	19.054	ug/l	97
95) Naphthalene	13.82	128	885220	19.197	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	295844	18.919	ug/l	98

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

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