

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\
 Data File : VX015930.D
 Acq On : 24 Apr 2020 13:22
 Operator : JC/SP
 Sample : MB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MB

Quant Time: Apr 24 13:51:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:17:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	138786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	262467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	255374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122643	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	100827	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
35) Dibromofluoromethane	5.47	113	77220	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
50) Toluene-d8	8.70	98	329304	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	
62) 4-Bromofluorobenzene	11.12	95	136580	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	769	0.504	ug/l	92
3) Chloromethane	1.31	50	1129	0.718	ug/l	91
4) Vinyl Chloride	1.39	62	1029	0.511	ug/l	95
5) Bromomethane	1.64	94	1072	1.477	ug/l	95
6) Chloroethane	1.72	64	511	0.422	ug/l	90
7) Trichlorofluoromethane	1.92	101	1169	0.496	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.37	101	994	0.663	ug/l	91
10) Methyl Iodide	2.50	142	1438	5.565	ug/l	97
11) Tert butyl alcohol	3.01	59	698	1.658	ug/l #	72
12) 1,1-Dichloroethene	2.36	96	1555	0.990	ug/l #	77
13) Acrolein	2.28	56	934	3.574	ug/l #	62
14) Allyl chloride	2.71	41	1374	0.495	ug/l #	87
15) Acrylonitrile	3.12	53	1733	1.883	ug/l	98
16) Acetone	2.42	43	1540	2.095	ug/l	98
17) Carbon Disulfide	2.55	76	9765	1.967	ug/l	99
18) Methyl Acetate	2.75	43	966	0.435	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1355	0.241	ug/l	94
20) Methylene Chloride	2.84	84	1122	0.617	ug/l #	93
21) trans-1,2-Dichloroethene	3.14	96	1904	1.085	ug/l	95
22) Diisopropyl ether	3.83	45	1631	0.297	ug/l #	83
23) Vinyl Acetate	3.79	43	5411	1.208	ug/l	96
24) 1,1-Dichloroethane	3.67	63	1204	0.384	ug/l #	82
25) 2-Butanone	4.65	43	2056	1.718	ug/l	97
26) 2,2-Dichloropropane	4.55	77	1019	0.368	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	1453	0.730	ug/l	75
28) Bromochloromethane	4.98	49	581	0.419	ug/l #	74
29) Tetrahydrofuran	5.10	42	1563	1.982	ug/l	87
30) Chloroform	5.18	83	1110	0.358	ug/l	94
31) Cyclohexane	5.55	56	2003	0.682	ug/l	93
32) 1,1,1-Trichloroethane	5.47	97	1051	0.377	ug/l #	50
36) 1,1-Dichloropropene	5.77	75	1888	0.754	ug/l	98
37) Ethyl Acetate	4.80	43	548	0.218	ug/l #	67
38) Carbon Tetrachloride	5.76	117	985	0.430	ug/l #	91
39) Methylcyclohexane	7.44	83	2523	0.831	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.12	78	3006	0.410	ug/l	97
41) Methacrylonitrile	5.01	41	618	0.434	ug/l #	70
42) 1,2-Dichloroethane	6.17	62	1180	0.460	ug/l	83
43) Isopropyl Acetate	6.42	43	1028	0.249	ug/l #	84
44) Trichloroethene	7.20	130	1411	0.625	ug/l	80
45) 1,2-Dichloropropane	7.49	63	567	0.302	ug/l	92
46) Dibromomethane	7.64	93	608	0.485	ug/l	96
47) Bromodichloromethane	7.87	83	711	0.279	ug/l #	88
48) Methyl methacrylate	7.75	41	573	0.282	ug/l #	78
49) 1,4-Dioxane	7.73	88	319	7.066	ug/l #	81
51) 4-Methyl-2-Pentanone	8.62	43	2877	1.189	ug/l	98
52) Toluene	8.77	92	2068	0.445	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	1534	0.499	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	1253	0.390	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	521	0.281	ug/l #	69
56) Ethyl methacrylate	9.16	69	815	0.272	ug/l #	72
57) 1,3-Dichloropropane	9.35	76	964	0.303	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.29	63	1856	1.255	ug/l	100
59) 2-Hexanone	9.48	43	2412	1.313	ug/l	99
60) Dibromochloromethane	9.57	129	485	0.263	ug/l	90
61) 1,2-Dibromoethane	9.66	107	692	0.360	ug/l	90
64) Tetrachloroethene	9.32	164	1586	0.624	ug/l	90
65) Chlorobenzene	10.12	112	2571	0.507	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	502	0.279	ug/l #	54
67) Ethyl Benzene	10.24	91	5144	0.550	ug/l	97
68) m/p-Xylenes	10.34	106	3700	1.081	ug/l	95
69) o-Xylene	10.68	106	1530	0.458	ug/l	90
70) Stvrene	10.70	104	2904	0.504	ug/l	97
71) Bromoform	10.84	173	281	2.589	ug/l #	78
73) Isopropylbenzene	11.01	105	5627	0.617	ug/l	100
74) N-amyl acetate	10.88	43	1417	0.358	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	560	0.272	ug/l #	87
76) 1,2,3-Trichloropropane	11.12	75	68863	26.176	ug/l #	34
77) Bromobenzene	11.24	156	1107	0.535	ug/l	94
78) n-propylbenzene	11.35	91	8184	0.760	ug/l	100
79) 2-Chlorotoluene	11.41	91	4008	0.632	ug/l	91
80) 1,3,5-Trimethylbenzene	11.49	105	5141	0.663	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	68863	58.964	ug/l #	14
82) 4-Chlorotoluene	11.49	91	5597	0.739	ug/l	99
83) tert-Butylbenzene	11.76	119	4875	0.748	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	5583	0.703	ug/l	93
85) sec-Butylbenzene	11.93	105	7856	0.881	ug/l	96
86) p-Isopropyltoluene	12.05	119	7069	0.869	ug/l	91
87) 1,3-Dichlorobenzene	12.01	146	3464	0.910	ug/l	97
88) 1,4-Dichlorobenzene	12.01	146	3464	0.884	ug/l	97
89) n-Butylbenzene	12.37	91	9574	1.249	ug/l	98
90) Hexachloroethane	12.58	117	984	0.775	ug/l	88
91) 1,2-Dichlorobenzene	12.38	146	2918	0.790	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	407	0.621	ug/l	78
93) 1,2,4-Trichlorobenzene	13.63	180	3972	1.668	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	2822	3.343	ug/l	96
95) Naphthalene	13.82	128	12325	1.423	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	4474	1.986	ug/l	92

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

