

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064693.D
 Acq On : 17 Nov 2020 20:19
 Operator : JC/MD
 Sample : L4769-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1119

Quant Time: Nov 18 17:04:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	1957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.37	114	2177	50.00	ug/l	-0.18
63) Chlorobenzene-d5	11.16	117	475	50.00	ug/l	-0.22
72) 1,4-Dichlorobenzene-d4	13.34	152	193859	50.00	ug/l	0.03

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.82	65	991	29.07	ug/l	-0.17
Spiked Amount	50.000		Recovery	=	58.14%	
35) Dibromofluoromethane	7.38	113	532	35.89	ug/l	-0.17
Spiked Amount	50.000		Recovery	=	71.78%	
50) Toluene-d8	9.82	98	30	0.52	ug/l	-0.24
Spiked Amount	50.000		Recovery	=	1.04%	
62) 4-Bromofluorobenzene	12.09	95	251	11.59	ug/l	-0.28
Spiked Amount	50.000		Recovery	=	23.18%	

Target Compounds

					Qvalue
8) Diethyl Ether	3.38	74	896	54.227	ug/l # 1
9) 1,1,2-Trichlorotrifluoroet	3.72	101	523	23.538	ug/l # 77
10) Methyl Iodide	3.92	142	859	33.271	ug/l # 49
11) Tert butyl alcohol	4.73	59	336	89.381	ug/l # 71
12) 1,1-Dichloroethene	3.70	96	189	9.030	ug/l # 57
13) Acrolein	3.60	56	303	129.944	ug/l # 1
14) Allyl chloride	4.20	41	66115	1614.822	ug/l # 10
15) Acrylonitrile	4.94	53	211	20.160	ug/l # 72
16) Acetone	3.80	43	1184015	91185.270	ug/l # 48
17) Carbon Disulfide	3.98	76	287	4.585	ug/l # 76
18) Methyl Acetate	4.19	43	895766	35090.040	ug/l # 55
19) Methyl tert-butyl Ether	5.00	73	253	3.359	ug/l # 78
20) Methylene Chloride	4.52	84	115	4.464	ug/l # 17
21) trans-1,2-Dichloroethene	5.00	96	116	4.881	ug/l # 73
22) Diisopropyl ether	5.88	45	1553	17.869	ug/l # 44
23) Vinyl Acetate	5.85	43	3667	51.866	ug/l # 76
24) 1,1-Dichloroethane	5.84	63	498	10.428	ug/l # 85
25) 2-Butanone	6.78	43	2412	145.790	ug/l # 80
26) 2,2-Dichloropropane	6.75	77	793	18.343	ug/l # 82
27) cis-1,2-Dichloroethene	6.77	96	449	16.306	ug/l # 26
28) Bromochloromethane	7.16	49	240	10.224	ug/l # 1
29) Tetrahydrofuran	7.11	42	1996	196.644	ug/l # 83
30) Chloroform	7.25	83	1207	24.043	ug/l # 86
31) Cyclohexane	7.64	56	3394	81.906	ug/l # 1
32) 1,1,1-Trichloroethane	7.53	97	1177	26.434	ug/l # 22
36) 1,1-Dichloropropene	7.42	75	1806	78.527	ug/l # 96
37) Ethyl Acetate	6.75	43	1917	81.637	ug/l # 73
38) Carbon Tetrachloride	7.58	117	303	12.327	ug/l # 1
39) Methylcyclohexane	8.85	83	430	20.857	ug/l # 1
40) Benzene	7.83	78	173	2.560	ug/l # 79
41) Methacrylonitrile	6.98	41	412	40.407	ug/l # 1
42) 1,2-Dichloroethane	7.74	62	8716	319.584	ug/l # 86
43) Isopropyl Acetate	7.93	43	1604226	43042.184	ug/l # 64
44) Trichloroethene	8.40	130	3077	180.462	ug/l # 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,2-Dichloropropane	8.87	63	7244	401.725	ug/l #	55
46) Dibromomethane	8.96	93	746	62.845	ug/l #	12
47) Bromodichloromethane	9.16	83	501	19.629	ug/l #	25
48) Methyl methacrylate	8.96	41	4703786	250107.458	ug/l #	34
49) 1,4-Dioxane	9.10	88	128347	518122.978	ug/l #	21
51) 4-Methyl-2-Pentanone	9.80	43	9010	414.532	ug/l #	53
52) Toluene	9.88	92	64	1.553	ug/l #	1
53) t-1,3-Dichloropropene	10.14	75	231	8.537	ug/l #	69
54) cis-1,3-Dichloropropene	9.62	75	168	5.807	ug/l #	38
55) 1,1,2-Trichloroethane	10.35	97	27756	1726.641	ug/l #	1
56) Ethyl methacrylate	10.17	69	247	10.836	ug/l #	1
57) 1,3-Dichloropropane	10.34	76	9379	334.264	ug/l #	63
58) 2-Chloroethyl Vinyl ether	9.47	63	100	28.850	ug/l #	51
59) 2-Hexanone	10.23	43	77501	4306.259	ug/l	76
60) Dibromochloromethane	10.45	129	130	7.223	ug/l	67
61) 1,2-Dibromoethane	10.73	107	65	3.986	ug/l #	1
65) Chlorobenzene	11.44	112	29	2.785	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	11.47	131	482	124.076	ug/l #	67
67) Ethyl Benzene	11.49	91	127	6.857	ug/l #	45
68) m/p-Xylenes	11.61	106	257	38.260	ug/l	90
69) o-Xylene	11.85	106	141	21.722	ug/l	72
70) Styrene	11.93	104	32	2.930	ug/l #	1
71) Bromoform	12.10	173	138	47.379	ug/l #	29
74) N-amyl acetate	12.04	43	2456	1.535	ug/l #	64
76) 1,2,3-Trichloropropane	12.44	75	137041	29.176	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.44	75	137041	81.463	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.05	105	7100	0.556	ug/l	93
86) p-Isopropyltoluene	13.29	119	14675	1.298	ug/l	93
93) 1,2,4-Trichlorobenzene	14.89	180	255	2.742	ug/l #	55
95) Naphthalene	15.10	128	6549	4.194	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.29	180	466	2.922	ug/l #	86

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

