

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102422\
 Data File : VN074979.D
 Acq On : 24 Oct 2022 13:14
 Operator : JC\MD
 Sample : VN1024MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024MBL01

Quant Time: Oct 25 06:38:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	2164	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.094	114	4352	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.871	117	8361	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	9457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	9795	170.360	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	340.720%#
35) Dibromofluoromethane	8.171	113	1864	35.985	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	71.960%#
50) Toluene-d8	10.571	98	10293	51.790	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.580%
62) 4-Bromofluorobenzene	12.847	95	66883	954.043	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	1908.080%#
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	1180	33.221	ug/l	# 32
4) Vinyl Chloride	2.536	62	219	2.547	ug/l	# 44
5) Bromomethane	2.901	94	5195	126.456	ug/l	85
6) Chloroethane	3.107	64	653	14.899	ug/l	90
7) Trichlorofluoromethane	3.348	101	64	Below Cal	#	18
8) Diethyl Ether	3.759	74	108	4.211	ug/l	# 1
9) 1,1,2-Trichlorotrifluo...	4.289	101	56	0.208	ug/l	# 19
11) Tert butyl alcohol	5.495	59	21175	1741.979	ug/l	# 74
12) 1,1-Dichloroethene	4.389	96	58	0.840	ug/l	# 1
13) Acrolein	4.195	56	517	82.065	ug/l	# 48
14) Allyl chloride	5.053	41	1517	28.811	ug/l	# 22
15) Acrylonitrile	5.753	53	1021	41.522	ug/l	# 49
16) Acetone	4.471	43	2057	96.543	ug/l	# 80
17) Carbon Disulfide	4.671	76	694	10.084	ug/l	# 74
18) Methyl Acetate	5.042	43	15027	205.795	ug/l	# 65
19) Methyl tert-butyl Ether	5.824	73	79	0.566	ug/l	# 55
20) Methylene Chloride	5.253	84	8820	233.175	ug/l	# 68
21) trans-1,2-Dichloroethene	5.777	96	97	2.439	ug/l	# 1
22) Diisopropyl ether	6.683	45	503	4.175	ug/l	# 34
23) Vinyl Acetate	6.606	43	98	1.033	ug/l	# 70
24) 1,1-Dichloroethane	6.536	63	61	0.819	ug/l	# 82
25) 2-Butanone	7.518	43	3837	109.549	ug/l	# 84
26) 2,2-Dichloropropane	7.512	77	60	0.852	ug/l	# 53
27) cis-1,2-Dichloroethene	7.489	96	120	2.484	ug/l	# 1
28) Bromochloromethane	7.812	49	85	2.738	ug/l	# 82
29) Tetrahydrofuran	7.853	42	5201	240.765	ug/l	# 91
30) Chloroform	7.989	83	193	2.293	ug/l	# 19
31) Cyclohexane	8.312	56	291	4.954	ug/l	# 9
32) 1,1,1-Trichloroethane	7.900	97	60	0.792	ug/l	# 23
36) 1,1-Dichloropropene	8.383	75	431	6.607	ug/l	# 57
37) Ethyl Acetate	7.559	43	1406	18.303	ug/l	# 66
39) Methylcyclohexane	9.694	83	53	0.686	ug/l	# 23
40) Benzene	8.600	78	2252	11.197	ug/l	# 76
41) Methacrylonitrile	7.759	41	108	2.801	ug/l	# 1
42) 1,2-Dichloroethane	8.671	62	155	2.036	ug/l	# 75
43) Isopropyl Acetate	8.800	43	20239	169.870	ug/l	# 53

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	9.347	130	502	10.170	ug/l	31
45) 1,2-Dichloropropane	9.618	63	144	2.778	ug/l #	42
46) Dibromomethane	9.700	93	141	3.720	ug/l #	39
47) Bromodichloromethane	9.965	83	210	2.742	ug/l #	1
48) Methyl methacrylate	9.724	41	510	9.789	ug/l #	18
49) 1,4-Dioxane	9.718	88	224	148.714	ug/l #	63
51) 4-Methyl-2-Pentanone	10.441	43	973	12.329	ug/l #	62
52) Toluene	10.612	92	93	0.709	ug/l #	1
53) t-1,3-Dichloropropene	10.824	75	315	4.170	ug/l #	88
54) cis-1,3-Dichloropropene	10.300	75	343	4.106	ug/l #	48
55) 1,1,2-Trichloroethane	10.947	97	169	3.069	ug/l #	20
56) Ethyl methacrylate	10.859	69	102	1.230	ug/l #	1
57) 1,3-Dichloropropane	11.153	76	149	1.594	ug/l	90
58) 2-Chloroethyl Vinyl ether	10.147	63	337	12.514	ug/l #	45
59) 2-Hexanone	11.212	43	2675	44.693	ug/l	95
60) Dibromochloromethane	11.100	129	169	2.923	ug/l #	10
61) 1,2-Dibromoethane	11.465	107	78	1.405	ug/l #	29
64) Tetrachloroethene	11.112	164	162	2.369	ug/l #	16
65) Chlorobenzene	11.894	112	1300	5.142	ug/l #	73
66) 1,1,1,2-Tetrachloroethane	11.965	131	129	1.354	ug/l #	9
67) Ethyl Benzene	11.965	91	1444	3.217	ug/l	95
68) m/p-Xylenes	12.076	106	1406	8.033	ug/l	92
69) o-Xylene	12.394	106	355	2.025	ug/l #	30
70) Styrene	12.412	104	1888	6.794	ug/l #	59
71) Bromoform	12.841	173	57	0.793	ug/l #	1
73) Isopropylbenzene	12.700	105	671	0.869	ug/l #	71
74) N-amyl acetate	12.500	43	517	1.666	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.953	83	538	1.865	ug/l #	84
76) 1,2,3-Trichloropropane	12.853	75	38754	151.109	ug/l #	1
77) Bromobenzene	13.000	156	759	4.285	ug/l #	1
78) n-propylbenzene	13.029	91	2268	2.509	ug/l	99
79) 2-Chlorotoluene	13.135	91	1657	2.959	ug/l	72
80) 1,3,5-Trimethylbenzene	13.182	105	1078	1.616	ug/l	68
81) trans-1,4-Dichloro-2-b...	12.853	75	38754	484.489	ug/l #	10
82) 4-Chlorotoluene	13.135	91	1657	2.959	ug/l	72
83) tert-Butylbenzene	13.435	119	287	0.486	ug/l #	56
84) 1,2,4-Trimethylbenzene	13.471	105	1402	2.080	ug/l #	16
85) sec-Butylbenzene	13.612	105	1201	1.449	ug/l	86
86) p-Isopropyltoluene	13.718	119	1256	1.840	ug/l #	57
87) 1,3-Dichlorobenzene	13.735	146	1534	4.526	ug/l	68
88) 1,4-Dichlorobenzene	13.818	146	2382	6.932	ug/l	98
89) n-Butylbenzene	14.065	91	1178	2.020	ug/l #	42
90) Hexachloroethane	14.329	117	159	1.202	ug/l #	20
91) 1,2-Dichlorobenzene	14.094	146	460	1.324	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.712	75	453	7.557	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.394	180	3209	21.227	ug/l	96
95) Naphthalene	15.641	128	20873	36.329	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.829	180	1609	10.575	ug/l #	11

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

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