

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082260.D
 Acq On : 21 May 2024 23:56
 Operator : JC\MD
 Sample : VN0521MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024
 Supervised By :Semsettin Yesilyurt 05/22/2024

Quant Time: May 22 02:41:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	179406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	313863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	279577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	144661	51.065	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.140%			
35) Dibromofluoromethane	8.171	113	98998	51.275	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.540%			
50) Toluene-d8	10.571	98	354740	47.923	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.840%			
62) 4-Bromofluorobenzene	12.853	95	124521	47.130	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	46672	18.044	ug/l	98
3) Chloromethane	2.365	50	55387	18.895	ug/l	98
4) Vinyl Chloride	2.518	62	52926	19.205	ug/l	97
5) Bromomethane	2.959	94	29398	18.559	ug/l	97
6) Chloroethane	3.124	64	34732	19.302	ug/l	99
7) Trichlorofluoromethane	3.500	101	69568	19.278	ug/l	98
8) Diethyl Ether	3.965	74	26307	20.464	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.377	101	39494	18.735	ug/l	98
10) Methyl Iodide	4.595	142	40480	19.102	ug/l	97
11) Tert butyl alcohol	5.524	59	52739	115.977	ug/l	99
12) 1,1-Dichloroethene	4.342	96	38169	19.481	ug/l	84
13) Acrolein	4.189	56	33743	100.134	ug/l	97
14) Allyl chloride	5.024	41	76790	18.306	ug/l #	91
15) Acrylonitrile	5.724	53	130619	110.909	ug/l	99
16) Acetone	4.430	43	120841	103.986	ug/l	91
17) Carbon Disulfide	4.718	76	106833	16.882	ug/l	98
18) Methyl Acetate	5.030	43	65626	22.676	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	151450	21.147	ug/l	93
20) Methylene Chloride	5.283	84	48109	20.519	ug/l #	75
21) trans-1,2-Dichloroethene	5.794	96	40878	19.145	ug/l	85
22) Diisopropyl ether	6.677	45	178920	20.426	ug/l #	93
23) Vinyl Acetate	6.606	43	702807	101.764	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	90208	19.980	ug/l	96
25) 2-Butanone	7.488	43	194439	110.357	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	53192	14.066	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	49779	19.755	ug/l	83
28) Bromochloromethane	7.818	49	41300	20.435	ug/l #	72
29) Tetrahydrofuran	7.841	42	124880	110.391	ug/l #	82
30) Chloroform	7.965	83	88611	20.552	ug/l	97
31) Cyclohexane	8.259	56	78474	17.344	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	77465	20.252	ug/l	97
36) 1,1-Dichloropropene	8.371	75	58869	18.180	ug/l	97
37) Ethyl Acetate	7.565	43	80275	22.152	ug/l #	93
38) Carbon Tetrachloride	8.365	117	62005	18.889	ug/l	97
39) Methylcyclohexane	9.600	83	62751	17.679	ug/l #	83
40) Benzene	8.606	78	188537	19.525	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	42382	19.886	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	76156	20.506	ug/l	93
43) Isopropyl Acetate	8.688	43	152749	23.788	ug/l #	85
44) Trichloroethene	9.353	130	42453	19.354	ug/l	95
45) 1,2-Dichloropropane	9.624	63	49420	19.836	ug/l	93
46) Dibromomethane	9.712	93	33493	20.476	ug/l	98
47) Bromodichloromethane	9.894	83	70696	20.473	ug/l	95
48) Methyl methacrylate	9.682	41	64443	21.062	ug/l #	82
49) 1,4-Dioxane	9.700	88	19557	456.135	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	400423	109.754	ug/l	90
52) Toluene	10.635	92	113944	19.663	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	68185	19.092	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	73449	19.430	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	43882	20.838	ug/l	99
56) Ethyl methacrylate	10.876	69	75032	20.986	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	79324	20.146	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	199802	108.344	ug/l	90
59) 2-Hexanone	11.200	43	295606	110.657	ug/l	89
60) Dibromochloromethane	11.359	129	50013	21.521	ug/l	99
61) 1,2-Dibromoethane	11.471	107	44220	20.444	ug/l	97
64) Tetrachloroethene	11.106	164	42623	20.569	ug/l	96
65) Chlorobenzene	11.894	112	118907	19.252	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	42115	20.701	ug/l	99
67) Ethyl Benzene	11.965	91	213213	19.298	ug/l	98
68) m/p-Xylenes	12.070	106	155946	38.512	ug/l	94
69) o-Xylene	12.400	106	75194	19.170	ug/l	92
70) Styrene	12.412	104	128257	19.686	ug/l	96
71) Bromoform	12.582	173	31593	19.952	ug/l #	98
73) Isopropylbenzene	12.694	105	194947	19.618	ug/l	97
74) N-amyl acetate	12.494	43	109077	19.955	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	61528	21.479	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	58941m	22.388	ug/l	
77) Bromobenzene	12.982	156	46783	19.755	ug/l	87
78) n-propylbenzene	13.035	91	228485	19.417	ug/l	96
79) 2-Chlorotoluene	13.129	91	143657	19.441	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	159504	19.851	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	19906	17.685	ug/l #	80
82) 4-Chlorotoluene	13.223	91	139078	19.251	ug/l	94
83) tert-Butylbenzene	13.441	119	133884	19.046	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	159498	19.402	ug/l	98
85) sec-Butylbenzene	13.617	105	187975	19.292	ug/l	97
86) p-Isopropyltoluene	13.729	119	153993	19.447	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	83946	19.566	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	82931	18.939	ug/l	95
89) n-Butylbenzene	14.059	91	132127	18.564	ug/l	97
90) Hexachloroethane	14.335	117	28354	19.326	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	81721	20.122	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13141	22.328	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	43557	19.134	ug/l	98
94) Hexachlorobutadiene	15.506	225	17731	17.751	ug/l	97
95) Naphthalene	15.641	128	148619	20.832	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	44148	19.372	ug/l	97

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

