

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078624.D
 Acq On : 21 Jul 2023 19:26
 Operator : JC\MD
 Sample : VN0721MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

Quant Time: Jul 21 23:30:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	442323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	793147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	683314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	268358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	316214	53.326	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.660%			
35) Dibromofluoromethane	8.177	113	277532	51.546	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.100%			
50) Toluene-d8	10.571	98	1003095	49.317	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.640%			
62) 4-Bromofluorobenzene	12.853	95	304751	48.643	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	95248	17.563	ug/l	98
3) Chloromethane	2.371	50	112844	19.144	ug/l	99
4) Vinyl Chloride	2.518	62	144971	19.012	ug/l	92
5) Bromomethane	2.959	94	95888	16.556	ug/l	95
6) Chloroethane	3.124	64	102013	21.002	ug/l	94
7) Trichlorofluoromethane	3.506	101	176295	19.341	ug/l	99
8) Diethyl Ether	3.977	74	63296	20.843	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.383	101	93323	19.341	ug/l	95
10) Methyl Iodide	4.600	142	126504	19.080	ug/l	95
11) Tert butyl alcohol	5.536	59	99062	108.336	ug/l	98
12) 1,1-Dichloroethene	4.347	96	89668	19.212	ug/l	93
13) Acrolein	4.189	56	97391	108.255	ug/l	98
14) Allyl chloride	5.041	41	124647	19.544	ug/l	95
15) Acrylonitrile	5.736	53	248664	107.632	ug/l	98
16) Acetone	4.447	43	195044	105.593	ug/l	99
17) Carbon Disulfide	4.724	76	210994	15.634	ug/l	99
18) Methyl Acetate	5.041	43	171217	21.897	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	321793	20.926	ug/l	96
20) Methylene Chloride	5.283	84	117100	21.402	ug/l #	92
21) trans-1,2-Dichloroethene	5.800	96	101057	19.214	ug/l	91
22) Diisopropyl ether	6.688	45	311652	21.824	ug/l #	92
23) Vinyl Acetate	6.612	43	953886	105.070	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	193286	20.087	ug/l	97
25) 2-Butanone	7.488	43	320240	110.137	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	127559	16.208	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	122445	20.125	ug/l	95
28) Bromochloromethane	7.824	49	94598	20.872	ug/l	94
29) Tetrahydrofuran	7.847	42	205595	107.760	ug/l	85
30) Chloroform	7.977	83	209938	20.956	ug/l	95
31) Cyclohexane	8.265	56	144743	18.062	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	183378	20.416	ug/l	99
36) 1,1-Dichloropropene	8.382	75	145074	18.661	ug/l	96
37) Ethyl Acetate	7.565	43	123782	19.100	ug/l	96
38) Carbon Tetrachloride	8.371	117	163403	19.339	ug/l	96
39) Methylcyclohexane	9.606	83	124764	17.582	ug/l	88
40) Benzene	8.612	78	461541	20.039	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	67745	20.505	ug/l	91
42) 1,2-Dichloroethane	8.677	62	154226	19.687	ug/l	100
43) Isopropyl Acetate	8.700	43	250725	23.499	ug/l #	90
44) Trichloroethene	9.359	130	114456	18.438	ug/l	98
45) 1,2-Dichloropropane	9.629	63	117140	20.081	ug/l	98
46) Dibromomethane	9.718	93	82935	20.200	ug/l	91
47) Bromodichloromethane	9.894	83	163112	19.819	ug/l #	91
48) Methyl methacrylate	9.688	41	100263	20.283	ug/l	91
49) 1,4-Dioxane	9.706	88	43220	400.925	ug/l #	77
51) 4-Methyl-2-Pentanone	10.453	43	679541	107.074	ug/l	92
52) Toluene	10.635	92	282767	19.809	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	160151	18.994	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	178226	19.831	ug/l	97
55) 1,1,2-Trichloroethane	11.023	97	119546	21.256	ug/l	97
56) Ethyl methacrylate	10.882	69	165886	21.100	ug/l	91
57) 1,3-Dichloropropane	11.171	76	197306	20.633	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	261176	93.219	ug/l	92
59) 2-Hexanone	11.200	43	478103	105.998	ug/l	91
60) Dibromochloromethane	11.365	129	129304	20.826	ug/l	100
61) 1,2-Dibromoethane	11.476	107	118376	20.432	ug/l	100
64) Tetrachloroethene	11.112	164	92959	18.095	ug/l	97
65) Chlorobenzene	11.900	112	299959	19.639	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	120757	20.552	ug/l	98
67) Ethyl Benzene	11.970	91	509714	19.743	ug/l	95
68) m/p-Xylenes	12.082	106	388567	40.707	ug/l	98
69) o-Xylene	12.406	106	196099	20.339	ug/l	98
70) Styrene	12.417	104	303273	20.106	ug/l	97
71) Bromoform	12.582	173	83696	21.032	ug/l #	97
73) Isopropylbenzene	12.700	105	474563	18.820	ug/l	100
74) N-amyl acetate	12.500	43	165661	19.064	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	168493	22.202	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	131145m	20.218	ug/l	
77) Bromobenzene	12.988	156	118974	20.794	ug/l	94
78) n-propylbenzene	13.041	91	515216	19.105	ug/l	99
79) 2-Chlorotoluene	13.129	91	337754	19.121	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	387946	19.471	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	39970	16.193	ug/l	94
82) 4-Chlorotoluene	13.229	91	310250	18.828	ug/l	98
83) tert-Butylbenzene	13.441	119	331260	19.583	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	384107	19.848	ug/l	99
85) sec-Butylbenzene	13.623	105	411119	19.228	ug/l	99
86) p-Isopropyltoluene	13.735	119	337682	19.669	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	183856	18.993	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	177435	18.198	ug/l	98
89) n-Butylbenzene	14.064	91	249782	20.334	ug/l	97
90) Hexachloroethane	14.341	117	66626	20.635	ug/l	82
91) 1,2-Dichlorobenzene	14.111	146	186248	19.333	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26336	20.691	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	52408	17.045	ug/l	96
94) Hexachlorobutadiene	15.506	225	37759	21.369	ug/l	94
95) Naphthalene	15.647	128	155595	14.803	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	62329	17.630	ug/l	98

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

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