

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078623.D
 Acq On : 21 Jul 2023 19:02
 Operator : JC\MD
 Sample : VN0721MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 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 23:29:26 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	468768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	831954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	722652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	288008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	327553	52.122	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.240%			
35) Dibromofluoromethane	8.177	113	288072	51.008	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.020%			
50) Toluene-d8	10.571	98	1056547	49.522	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.040%			
62) 4-Bromofluorobenzene	12.853	95	332185	50.549	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	92986	16.179	ug/l	99
3) Chloromethane	2.371	50	119326	19.102	ug/l	99
4) Vinyl Chloride	2.518	62	154052	19.064	ug/l	100
5) Bromomethane	2.953	94	108909	18.139	ug/l	99
6) Chloroethane	3.124	64	107138	20.795	ug/l	100
7) Trichlorofluoromethane	3.500	101	222460	23.029	ug/l	100
8) Diethyl Ether	3.971	74	68091	21.157	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.377	101	95092	18.596	ug/l	96
10) Methyl Iodide	4.594	142	130920	18.632	ug/l	94
11) Tert butyl alcohol	5.530	59	94274	97.284	ug/l	99
12) 1,1-Dichloroethene	4.353	96	95906	19.389	ug/l	96
13) Acrolein	4.194	56	100649	105.565	ug/l	97
14) Allyl chloride	5.036	41	120333	17.804	ug/l	91
15) Acrylonitrile	5.730	53	252315	103.051	ug/l	100
16) Acetone	4.447	43	203368	103.888	ug/l	98
17) Carbon Disulfide	4.724	76	219697	15.360	ug/l #	94
18) Methyl Acetate	5.047	43	179048	21.606	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	329512	20.219	ug/l	99
20) Methylene Chloride	5.289	84	117079	20.120	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	102589	18.405	ug/l	90
22) Diisopropyl ether	6.683	45	318399	21.038	ug/l #	94
23) Vinyl Acetate	6.618	43	959899	99.768	ug/l #	87
24) 1,1-Dichloroethane	6.577	63	204183	20.022	ug/l	97
25) 2-Butanone	7.494	43	305818	99.244	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	131070	15.714	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	128700	19.959	ug/l	96
28) Bromochloromethane	7.818	49	97373	20.272	ug/l	93
29) Tetrahydrofuran	7.847	42	201930	99.868	ug/l	85
30) Chloroform	7.971	83	220846	20.801	ug/l	95
31) Cyclohexane	8.265	56	152701	17.980	ug/l #	83
32) 1,1,1-Trichloroethane	8.182	97	194064	20.387	ug/l	96
36) 1,1-Dichloropropene	8.377	75	145962	17.899	ug/l	98
37) Ethyl Acetate	7.577	43	134820	19.833	ug/l	95
38) Carbon Tetrachloride	8.371	117	169409	19.115	ug/l	95
39) Methylcyclohexane	9.606	83	134929	18.127	ug/l #	86
40) Benzene	8.618	78	466535	19.311	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	70636	20.383	ug/l	93
42) 1,2-Dichloroethane	8.677	62	162761	19.807	ug/l	100
43) Isopropyl Acetate	8.694	43	259280	23.167	ug/l #	88
44) Trichloroethene	9.359	130	124503	19.121	ug/l	98
45) 1,2-Dichloropropane	9.629	63	123591	20.199	ug/l	99
46) Dibromomethane	9.718	93	85268	19.800	ug/l	91
47) Bromodichloromethane	9.894	83	174722	20.239	ug/l	99
48) Methyl methacrylate	9.688	41	102975	19.860	ug/l	87
49) 1,4-Dioxane	9.706	88	43818	387.512	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	677459	101.767	ug/l	94
52) Toluene	10.635	92	291930	19.497	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	169632	19.181	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	183364	19.451	ug/l	100
55) 1,1,2-Trichloroethane	11.023	97	120118	20.362	ug/l	95
56) Ethyl methacrylate	10.882	69	166876	20.236	ug/l #	89
57) 1,3-Dichloropropane	11.171	76	201677	20.106	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	260661	88.696	ug/l	92
59) 2-Hexanone	11.200	43	476030	100.616	ug/l	92
60) Dibromochloromethane	11.365	129	129685	19.913	ug/l	99
61) 1,2-Dibromoethane	11.476	107	120527	19.833	ug/l	99
64) Tetrachloroethene	11.112	164	100248	18.451	ug/l	96
65) Chlorobenzene	11.900	112	315358	19.523	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	122937	19.784	ug/l	98
67) Ethyl Benzene	11.970	91	528449	19.354	ug/l	98
68) m/p-Xylenes	12.076	106	410086	40.622	ug/l	100
69) o-Xylene	12.406	106	202360	19.846	ug/l	98
70) Styrene	12.417	104	320296	20.079	ug/l	98
71) Bromoform	12.582	173	83052	19.734	ug/l #	98
73) Isopropylbenzene	12.700	105	503000	18.587	ug/l	99
74) N-amyl acetate	12.500	43	178696	19.161	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	171570	20.896	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	132418m	19.021	ug/l	
77) Bromobenzene	12.988	156	119696	19.393	ug/l	96
78) n-propylbenzene	13.041	91	543583	18.782	ug/l	99
79) 2-Chlorotoluene	13.129	91	348770	18.398	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	418768	19.584	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	41567	15.691	ug/l	91
82) 4-Chlorotoluene	13.229	91	326166	18.443	ug/l	98
83) tert-Butylbenzene	13.441	119	360054	19.833	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	411576	19.816	ug/l	100
85) sec-Butylbenzene	13.623	105	447853	19.517	ug/l	99
86) p-Isopropyltoluene	13.735	119	362924	19.697	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	197079	18.970	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	189420	18.101	ug/l	99
89) n-Butylbenzene	14.064	91	282892	21.458	ug/l	98
90) Hexachloroethane	14.341	117	71310	20.577	ug/l	84
91) 1,2-Dichlorobenzene	14.111	146	202065	19.544	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26169	19.009	ug/l	89
93) 1,2,4-Trichlorobenzene	15.400	180	57635	17.467	ug/l	95
94) Hexachlorobutadiene	15.506	225	39518	20.727	ug/l	96
95) Naphthalene	15.647	128	183744	16.288	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	68176	17.969	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

