

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
 Data File : VN078541.D
 Acq On : 17 Jul 2023 14:24
 Operator : JC\MD
 Sample : VN0717MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2023
 Supervised By : Mahesh Dadoda 07/18/2023

Quant Time: Jul 18 04:23:18 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	8.229	168	442064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	750648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	661124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	256265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	309700	52.258	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.520%			
35) Dibromofluoromethane	8.171	113	267681	52.531	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.060%			
50) Toluene-d8	10.570	98	975617	50.682	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.360%			
62) 4-Bromofluorobenzene	12.853	95	298744	50.384	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	94212	17.382	ug/l	96
3) Chloromethane	2.371	50	123821	21.019	ug/l	99
4) Vinyl Chloride	2.518	62	151151	19.835	ug/l	97
5) Bromomethane	2.953	94	94536	16.257	ug/l	98
6) Chloroethane	3.118	64	94540	19.330	ug/l	100
7) Trichlorofluoromethane	3.500	101	172929	18.983	ug/l	98
8) Diethyl Ether	3.971	74	58351	19.226	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	94082	19.510	ug/l	96
10) Methyl Iodide	4.594	142	122154	18.434	ug/l	96
11) Tert butyl alcohol	5.547	59	95015	103.971	ug/l	100
12) 1,1-Dichloroethene	4.353	96	90101	19.316	ug/l	95
13) Acrolein	4.189	56	94539	105.147	ug/l	94
14) Allyl chloride	5.036	41	128739	20.198	ug/l	91
15) Acrylonitrile	5.735	53	237318	102.781	ug/l	97
16) Acetone	4.441	43	185465	100.466	ug/l	94
17) Carbon Disulfide	4.724	76	218872	16.227	ug/l	99
18) Methyl Acetate	5.047	43	160832	20.581	ug/l	93
19) Methyl tert-butyl Ether	5.806	73	304674	19.824	ug/l	99
20) Methylene Chloride	5.283	84	112050	20.438	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	97091	18.471	ug/l #	82
22) Diisopropyl ether	6.682	45	292479	20.493	ug/l #	94
23) Vinyl Acetate	6.618	43	897852	98.956	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	182931	19.022	ug/l	99
25) 2-Butanone	7.494	43	307667	105.875	ug/l #	82
26) 2,2-Dichloropropane	7.500	77	147367	18.736	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	117951	19.397	ug/l	95
28) Bromochloromethane	7.824	49	97292	21.479	ug/l	89
29) Tetrahydrofuran	7.853	42	192027	100.707	ug/l	87
30) Chloroform	7.977	83	200951	20.071	ug/l	98
31) Cyclohexane	8.265	56	146341	18.272	ug/l #	82
32) 1,1,1-Trichloroethane	8.177	97	174303	19.417	ug/l	99
36) 1,1-Dichloropropene	8.377	75	138385	18.808	ug/l	97
37) Ethyl Acetate	7.571	43	126241	20.582	ug/l #	96
38) Carbon Tetrachloride	8.371	117	158399	19.808	ug/l	97
39) Methylcyclohexane	9.606	83	125119	18.630	ug/l	90
40) Benzene	8.618	78	433650	19.894	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	67942	21.729	ug/l	91
42) 1,2-Dichloroethane	8.676	62	151742	20.466	ug/l	98
43) Isopropyl Acetate	8.694	43	218809	21.669	ug/l #	93
44) Trichloroethene	9.359	130	109546	18.647	ug/l	95
45) 1,2-Dichloropropane	9.629	63	113896	20.631	ug/l	96
46) Dibromomethane	9.712	93	82767	21.301	ug/l	92
47) Bromodichloromethane	9.894	83	160945	20.663	ug/l	95
48) Methyl methacrylate	9.688	41	93394	19.963	ug/l	90
49) 1,4-Dioxane	9.700	88	44572	436.876	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	649548	108.143	ug/l	94
52) Toluene	10.635	92	269163	19.924	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	161994	20.301	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	174519	20.518	ug/l	93
55) 1,1,2-Trichloroethane	11.023	97	112550	21.145	ug/l	98
56) Ethyl methacrylate	10.882	69	153689	20.656	ug/l	93
57) 1,3-Dichloropropane	11.170	76	188879	20.870	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	255601	96.394	ug/l	93
59) 2-Hexanone	11.200	43	464644	108.846	ug/l	92
60) Dibromochloromethane	11.365	129	123743	21.058	ug/l	99
61) 1,2-Dibromoethane	11.476	107	115252	21.019	ug/l	98
64) Tetrachloroethene	11.112	164	94211	18.954	ug/l	98
65) Chlorobenzene	11.900	112	288049	19.492	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	114537	20.147	ug/l	98
67) Ethyl Benzene	11.970	91	481887	19.292	ug/l	100
68) m/p-Xylenes	12.076	106	368041	39.850	ug/l	97
69) o-Xylene	12.406	106	176668	18.939	ug/l	93
70) Styrene	12.417	104	289563	19.841	ug/l	97
71) Bromoform	12.582	173	81696	21.219	ug/l #	97
73) Isopropylbenzene	12.700	105	449357	18.661	ug/l	97
74) N-amyl acetate	12.500	43	161045	19.407	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	161592	22.311	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	129792m	20.954	ug/l	
77) Bromobenzene	12.988	156	107743	19.637	ug/l	98
78) n-propylbenzene	13.041	91	491060	19.069	ug/l	99
79) 2-Chlorotoluene	13.129	91	322258	19.105	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	371854	19.545	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	49321	20.924	ug/l	87
82) 4-Chlorotoluene	13.229	91	295996	18.811	ug/l	98
83) tert-Butylbenzene	13.447	119	312056	19.318	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	363110	19.648	ug/l	99
85) sec-Butylbenzene	13.623	105	392425	19.220	ug/l	99
86) p-Isopropyltoluene	13.735	119	317454	19.363	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	174150	18.839	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	172166	18.490	ug/l	99
89) n-Butylbenzene	14.064	91	231894	19.769	ug/l	96
90) Hexachloroethane	14.341	117	63869	20.718	ug/l	85
91) 1,2-Dichlorobenzene	14.111	146	173520	18.862	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	24982	20.540	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	45802	15.600	ug/l	95
94) Hexachlorobutadiene	15.505	225	31516	18.110	ug/l	94
95) Naphthalene	15.647	128	146963	14.642	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	53090	15.726	ug/l	92

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

