

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078656.D
 Acq On : 27 Jul 2023 12:21
 Operator : JC\MD
 Sample : VN0727MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/27/2023
 Supervised By : Semsettin Yesilyurt 07/28/2023

Quant Time: Jul 27 16:00:32 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	504745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	859241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	748333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	298700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	339829	50.221	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.440%			
35) Dibromofluoromethane	8.177	113	307692	52.752	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.500%			
50) Toluene-d8	10.576	98	1086526	49.310	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.620%			
62) 4-Bromofluorobenzene	12.853	95	344053	50.692	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	126899	20.506	ug/l	97
3) Chloromethane	2.371	50	156434	23.257	ug/l	99
4) Vinyl Chloride	2.518	62	185649	21.336	ug/l	98
5) Bromomethane	2.953	94	124120	19.522	ug/l	92
6) Chloroethane	3.124	64	116289	20.978	ug/l	99
7) Trichlorofluoromethane	3.500	101	205376	19.745	ug/l	95
8) Diethyl Ether	3.971	74	67514	19.482	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	109084	19.812	ug/l	95
10) Methyl Iodide	4.600	142	141280	18.673	ug/l	100
11) Tert butyl alcohol	5.541	59	104692	100.334	ug/l	100
12) 1,1-Dichloroethene	4.347	96	105716	19.849	ug/l	95
13) Acrolein	4.189	56	111667	108.774	ug/l	94
14) Allyl chloride	5.041	41	139003	19.100	ug/l	96
15) Acrylonitrile	5.730	53	264672	100.393	ug/l	99
16) Acetone	4.441	43	205818	97.645	ug/l	94
17) Carbon Disulfide	4.724	76	287009	18.636	ug/l	99
18) Methyl Acetate	5.041	43	176797	19.814	ug/l	91
19) Methyl tert-butyl Ether	5.812	73	342005	19.490	ug/l	98
20) Methylene Chloride	5.294	84	127210	20.314	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	115976	19.324	ug/l	93
22) Diisopropyl ether	6.683	45	332565	20.408	ug/l	93
23) Vinyl Acetate	6.612	43	1031187	99.538	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	214611	19.545	ug/l	97
25) 2-Butanone	7.494	43	332028	100.069	ug/l #	83
26) 2,2-Dichloropropane	7.506	77	179792	20.019	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	138730	19.981	ug/l	95
28) Bromochloromethane	7.830	49	104818	20.267	ug/l	94
29) Tetrahydrofuran	7.847	42	215318	98.899	ug/l	86
30) Chloroform	7.971	83	228906	20.023	ug/l	93
31) Cyclohexane	8.265	56	172899	18.907	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	205912	20.090	ug/l	100
36) 1,1-Dichloropropene	8.382	75	169453	20.120	ug/l	97
37) Ethyl Acetate	7.571	43	138187	19.683	ug/l	95
38) Carbon Tetrachloride	8.365	117	183215	20.016	ug/l	93
39) Methylcyclohexane	9.606	83	154780	20.134	ug/l	89
40) Benzene	8.612	78	507100	20.324	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	69015	19.283	ug/l	93
42) 1,2-Dichloroethane	8.682	62	168859	19.897	ug/l	99
43) Isopropyl Acetate	8.700	43	254544	22.022	ug/l #	90
44) Trichloroethene	9.359	130	132334	19.679	ug/l	91
45) 1,2-Dichloropropane	9.629	63	128718	20.369	ug/l	94
46) Dibromomethane	9.718	93	91863	20.654	ug/l	91
47) Bromodichloromethane	9.894	83	181957	20.408	ug/l	95
48) Methyl methacrylate	9.688	41	107722	20.116	ug/l	89
49) 1,4-Dioxane	9.700	88	48826	418.089	ug/l #	89
51) 4-Methyl-2-Pentanone	10.453	43	710252	103.305	ug/l	93
52) Toluene	10.635	92	323172	20.898	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	186599	20.429	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	202559	20.804	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	129990	21.335	ug/l	97
56) Ethyl methacrylate	10.882	69	177297	20.817	ug/l	92
57) 1,3-Dichloropropane	11.170	76	206686	19.951	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	247510	81.546	ug/l	97
59) 2-Hexanone	11.200	43	500504	102.429	ug/l	91
60) Dibromochloromethane	11.365	129	140830	20.937	ug/l	99
61) 1,2-Dibromoethane	11.476	107	127264	20.277	ug/l	100
64) Tetrachloroethene	11.112	164	109703	19.499	ug/l	97
65) Chlorobenzene	11.894	112	332423	19.873	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	129788	20.169	ug/l	100
67) Ethyl Benzene	11.970	91	571889	20.227	ug/l	98
68) m/p-Xylenes	12.076	106	435366	41.647	ug/l	97
69) o-Xylene	12.406	106	210579	19.943	ug/l	96
70) Styrene	12.417	104	337722	20.444	ug/l	98
71) Bromoform	12.582	173	92842	21.304	ug/l #	100
73) Isopropylbenzene	12.700	105	529951	18.882	ug/l	99
74) N-amyl acetate	12.500	43	179556	18.564	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	178455	20.966	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	159321m	22.067	ug/l	
77) Bromobenzene	12.988	156	130109	20.402	ug/l	92
78) n-propylbenzene	13.041	91	575897	19.186	ug/l	99
79) 2-Chlorotoluene	13.129	91	375351	19.091	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	428194	19.308	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	55076	20.046	ug/l	96
82) 4-Chlorotoluene	13.229	91	339079	18.487	ug/l	96
83) tert-Butylbenzene	13.441	119	365336	19.404	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	421878	19.585	ug/l	99
85) sec-Butylbenzene	13.623	105	458249	19.255	ug/l	99
86) p-Isopropyltoluene	13.735	119	364807	19.090	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	201773	18.726	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	197405	18.189	ug/l	99
89) n-Butylbenzene	14.059	91	261105	19.097	ug/l	97
90) Hexachloroethane	14.335	117	78076	21.769	ug/l	83
91) 1,2-Dichlorobenzene	14.111	146	201574	18.799	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26380	18.420	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	51362	15.008	ug/l	97
94) Hexachlorobutadiene	15.511	225	38526	19.213	ug/l	93
95) Naphthalene	15.647	128	147480	12.606	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	59537	15.130	ug/l	93

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

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