

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078661.D
 Acq On : 27 Jul 2023 14:57
 Operator : JC\MD
 Sample : VN0727MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727MBS02

Manual Integrations
 APPROVED

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

Quant Time: Jul 28 01:06:54 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	8.236	168	495374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	834791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	723228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	298144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	316029	47.587	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.180%		
35) Dibromofluoromethane	8.177	113	291309	51.406	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.820%		
50) Toluene-d8	10.571	98	1012929	47.316	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.640%		
62) 4-Bromofluorobenzene	12.853	95	323331	49.034	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	123871	20.395	ug/l	93
3) Chloromethane	2.371	50	167251	25.336	ug/l	99
4) Vinyl Chloride	2.518	62	177980	20.842	ug/l	96
5) Bromomethane	2.954	94	123156	19.798	ug/l	99
6) Chloroethane	3.118	64	118929	21.945	ug/l	98
7) Trichlorofluoromethane	3.501	101	201955	19.784	ug/l	95
8) Diethyl Ether	3.971	74	66002	19.406	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	106751	19.755	ug/l	92
10) Methyl Iodide	4.595	142	144916	19.516	ug/l #	88
11) Tert butyl alcohol	5.547	59	105340	102.865	ug/l	99
12) 1,1-Dichloroethene	4.348	96	105160	20.118	ug/l	98
13) Acrolein	4.195	56	93925	93.222	ug/l	99
14) Allyl chloride	5.030	41	128792	18.032	ug/l	94
15) Acrylonitrile	5.736	53	266369	102.948	ug/l	100
16) Acetone	4.448	43	200469	96.907	ug/l	98
17) Carbon Disulfide	4.718	76	272336	18.018	ug/l	100
18) Methyl Acetate	5.036	43	178936	20.433	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	343016	19.917	ug/l	99
20) Methylene Chloride	5.289	84	122912	19.980	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	111204	18.879	ug/l #	81
22) Diisopropyl ether	6.683	45	322222	20.148	ug/l	95
23) Vinyl Acetate	6.618	43	987778	97.151	ug/l #	92
24) 1,1-Dichloroethane	6.583	63	211253	19.603	ug/l	98
25) 2-Butanone	7.500	43	332106	101.986	ug/l	91
26) 2,2-Dichloropropane	7.500	77	170752	19.372	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	133312	19.564	ug/l	98
28) Bromochloromethane	7.818	49	103065	20.305	ug/l	93
29) Tetrahydrofuran	7.847	42	218515	102.266	ug/l #	84
30) Chloroform	7.971	83	227212	20.251	ug/l	95
31) Cyclohexane	8.265	56	172787	19.252	ug/l	87
32) 1,1,1-Trichloroethane	8.177	97	199687	19.851	ug/l	99
36) 1,1-Dichloropropene	8.377	75	162661	19.879	ug/l	98
37) Ethyl Acetate	7.571	43	138999	20.378	ug/l	95
38) Carbon Tetrachloride	8.371	117	184332	20.728	ug/l	94
39) Methylcyclohexane	9.606	83	149784	20.055	ug/l	88
40) Benzene	8.618	78	498939	20.582	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	68310	19.645	ug/l	94
42) 1,2-Dichloroethane	8.683	62	171449	20.794	ug/l	99
43) Isopropyl Acetate	8.700	43	249846	22.248	ug/l #	92
44) Trichloroethene	9.359	130	130665	20.000	ug/l	93
45) 1,2-Dichloropropane	9.630	63	123897	20.180	ug/l	98
46) Dibromomethane	9.712	93	89681	20.754	ug/l	92
47) Bromodichloromethane	9.894	83	176098	20.329	ug/l	95
48) Methyl methacrylate	9.688	41	105401	20.259	ug/l	90
49) 1,4-Dioxane	9.700	88	47197	415.977	ug/l #	87
51) 4-Methyl-2-Pentanone	10.453	43	706478	105.766	ug/l	94
52) Toluene	10.635	92	304733	20.283	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	176261	19.862	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	195591	20.677	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	128013	21.626	ug/l	95
56) Ethyl methacrylate	10.882	69	165215	19.967	ug/l #	89
57) 1,3-Dichloropropane	11.171	76	204090	20.278	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.171	63	260615	88.378	ug/l	93
59) 2-Hexanone	11.200	43	499685	105.257	ug/l	93
60) Dibromochloromethane	11.365	129	133665	20.454	ug/l	100
61) 1,2-Dibromoethane	11.477	107	125489	20.580	ug/l	99
64) Tetrachloroethene	11.106	164	105437	19.391	ug/l	97
65) Chlorobenzene	11.900	112	333008	20.600	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	128179	20.611	ug/l	97
67) Ethyl Benzene	11.971	91	558896	20.453	ug/l	97
68) m/p-Xylenes	12.076	106	425445	42.110	ug/l	98
69) o-Xylene	12.406	106	209526	20.532	ug/l	98
70) Styrene	12.418	104	329767	20.656	ug/l	97
71) Bromoform	12.582	173	91478	21.719	ug/l #	100
73) Isopropylbenzene	12.700	105	515228	18.391	ug/l	98
74) N-amyl acetate	12.500	43	177531	18.389	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	176467	20.740	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	140915m	19.554	ug/l	
77) Bromobenzene	12.988	156	128266	20.131	ug/l	93
78) n-propylbenzene	13.041	91	570183	19.031	ug/l	98
79) 2-Chlorotoluene	13.129	91	367053	18.704	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	422069	19.068	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	47879	17.459	ug/l #	83
82) 4-Chlorotoluene	13.229	91	342242	18.695	ug/l	96
83) tert-Butylbenzene	13.441	119	352922	18.779	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	410317	19.084	ug/l	98
85) sec-Butylbenzene	13.623	105	442025	18.608	ug/l	96
86) p-Isopropyltoluene	13.735	119	369526	19.373	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	208351	19.373	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	199799	18.444	ug/l	99
89) n-Butylbenzene	14.059	91	261804	19.183	ug/l	97
90) Hexachloroethane	14.341	117	71816	19.996	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	197206	18.425	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.729	75	26894	18.857	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	52780	15.451	ug/l	97
94) Hexachlorobutadiene	15.506	225	39842	20.069	ug/l	96
95) Naphthalene	15.647	128	157406	13.479	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	68434	17.423	ug/l	98

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

