

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077102.D
 Acq On : 22 Mar 2023 12:52
 Operator : JC\MD
 Sample : VN0322MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322MBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/23/2023
 Supervised By :Semsettin Yesilyurt 03/23/2023

Quant Time: Mar 22 23:22:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	344112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	622202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	537080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	229762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	306753	55.808	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.620%			
35) Dibromofluoromethane	8.172	113	222285	51.014	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.020%			
50) Toluene-d8	10.572	98	803969	51.652	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.300%			
62) 4-Bromofluorobenzene	12.854	95	282880	51.431	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	52643	15.373	ug/l	94
3) Chloromethane	2.378	50	42078	12.136	ug/l	94
4) Vinyl Chloride	2.531	62	58186	15.548	ug/l	99
5) Bromomethane	2.966	94	53442	21.141	ug/l	94
6) Chloroethane	3.137	64	60935	25.732	ug/l	93
7) Trichlorofluoromethane	3.513	101	154126	19.144	ug/l	96
8) Diethyl Ether	3.972	74	63017	20.798	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.390	101	85382	18.696	ug/l	99
10) Methyl Iodide	4.601	142	98418	19.133	ug/l	98
11) Tert butyl alcohol	5.531	59	95722	119.511	ug/l	98
12) 1,1-Dichloroethene	4.354	96	79364	18.997	ug/l	98
13) Acrolein	4.196	56	93764	94.648	ug/l	100
14) Allyl chloride	5.043	41	149852	19.593	ug/l	96
15) Acrylonitrile	5.737	53	295968	109.918	ug/l	99
16) Acetone	4.437	43	256138	104.582	ug/l	99
17) Carbon Disulfide	4.725	76	208739	17.135	ug/l	97
18) Methyl Acetate	5.037	43	205482	22.249	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	322293	21.495	ug/l	98
20) Methylene Chloride	5.290	84	104054	19.576	ug/l	99
21) trans-1,2-Dichloroethene	5.795	96	87538	19.332	ug/l	96
22) Diisopropyl ether	6.684	45	366764	21.887	ug/l	98
23) Vinyl Acetate	6.619	43	1159200	109.622	ug/l	99
24) 1,1-Dichloroethane	6.578	63	190766	19.894	ug/l	98
25) 2-Butanone	7.489	43	398034	111.097	ug/l	94
26) 2,2-Dichloropropane	7.501	77	142485	19.748	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	106593	20.553	ug/l	98
28) Bromochloromethane	7.819	49	85591	20.554	ug/l	96
29) Tetrahydrofuran	7.848	42	267818	115.357	ug/l	98
30) Chloroform	7.972	83	191910	20.620	ug/l	96
31) Cyclohexane	8.260	56	175455	19.510	ug/l	96
32) 1,1,1-Trichloroethane	8.172	97	159768	20.085	ug/l	98
36) 1,1-Dichloropropene	8.378	75	129496	19.027	ug/l	99
37) Ethyl Acetate	7.572	43	165647	22.748	ug/l	97
38) Carbon Tetrachloride	8.366	117	130978	19.758	ug/l	94
39) Methylcyclohexane	9.601	83	152744	19.174	ug/l	97
40) Benzene	8.613	78	405123	19.628	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	89407	22.792	ug/l	97
42) 1,2-Dichloroethane	8.672	62	157426	21.107	ug/l	98
43) Isopropyl Acetate	8.695	43	252142	22.166	ug/l	99
44) Trichloroethene	9.354	130	87978	18.557	ug/l	94
45) 1,2-Dichloropropane	9.625	63	109981	20.062	ug/l	100
46) Dibromomethane	9.713	93	70363	20.352	ug/l	98
47) Bromodichloromethane	9.889	83	144071	19.869	ug/l	93
48) Methyl methacrylate	9.683	41	118499	21.790	ug/l	98
49) 1,4-Dioxane	9.701	88	41429	446.036	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	800690	113.034	ug/l	98
52) Toluene	10.630	92	242187	19.652	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	146440	20.605	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	161692	20.165	ug/l	95
55) 1,1,2-Trichloroethane	11.019	97	97462	20.055	ug/l	96
56) Ethyl methacrylate	10.878	69	152762	20.904	ug/l	93
57) 1,3-Dichloropropane	11.166	76	176181	19.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	295531	94.860	ug/l	97
59) 2-Hexanone	11.201	43	571734	111.279	ug/l	97
60) Dibromochloromethane	11.360	129	95683	19.601	ug/l	99
61) 1,2-Dibromoethane	11.472	107	93573	19.417	ug/l	99
64) Tetrachloroethene	11.107	164	67280	18.665	ug/l	98
65) Chlorobenzene	11.895	112	239404	19.373	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	89803	19.640	ug/l	99
67) Ethyl Benzene	11.966	91	450323	20.062	ug/l	99
68) m/p-Xylenes	12.077	106	331079	39.772	ug/l	98
69) o-Xylene	12.401	106	166158	20.088	ug/l	99
70) Styrene	12.413	104	263953	20.497	ug/l	98
71) Bromoform	12.583	173	61830	19.955	ug/l #	99
73) Isopropylbenzene	12.701	105	423062	20.547	ug/l	98
74) N-amyl acetate	12.495	43	204999	23.002	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	150978	20.239	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	122486m	20.610	ug/l	
77) Bromobenzene	12.983	156	91142	19.760	ug/l	97
78) n-propylbenzene	13.036	91	494704	20.812	ug/l	99
79) 2-Chlorotoluene	13.130	91	311240	20.549	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	361208	21.011	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	49191	22.783	ug/l	93
82) 4-Chlorotoluene	13.224	91	295629	20.526	ug/l	99
83) tert-Butylbenzene	13.442	119	303635	21.036	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	358719	20.910	ug/l	99
85) sec-Butylbenzene	13.618	105	425425	20.720	ug/l	98
86) p-Isopropyltoluene	13.730	119	333432	20.222	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	165420	18.975	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	165995	19.138	ug/l	98
89) n-Butylbenzene	14.060	91	291630	20.161	ug/l	98
90) Hexachloroethane	14.336	117	64865	19.349	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	167770	19.307	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	29615	21.425	ug/l	95
93) 1,2,4-Trichlorobenzene	15.395	180	75594	19.244	ug/l	99
94) Hexachlorobutadiene	15.507	225	40710	18.818	ug/l	97
95) Naphthalene	15.648	128	263697	18.526	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	76577	19.428	ug/l	100

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

