

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012323\
 Data File : VN076359.D
 Acq On : 23 Jan 2023 12:12
 Operator : JC\MD
 Sample : VN0123MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0123MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/23/2023
 Supervised By : Mahesh Dadoda 01/25/2023

Quant Time: Jan 23 13:00:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	332526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	541390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	482388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	203855	54.752	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.500%			
35) Dibromofluoromethane	8.177	113	172987	51.080	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.160%			
50) Toluene-d8	10.571	98	643960	51.487	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.980%			
62) 4-Bromofluorobenzene	12.853	95	217185	53.192	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	61767	18.126	ug/l	92
3) Chloromethane	2.377	50	67788	19.214	ug/l	95
4) Vinyl Chloride	2.530	62	88712	20.506	ug/l	99
5) Bromomethane	2.971	94	71221	20.103	ug/l	96
6) Chloroethane	3.130	64	65768	20.274	ug/l	97
7) Trichlorofluoromethane	3.518	101	110494	18.565	ug/l	96
8) Diethyl Ether	3.977	74	41834	20.956	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	63590	18.873	ug/l	98
10) Methyl Iodide	4.600	142	94136	18.291	ug/l	97
11) Tert butyl alcohol	5.536	59	41560	83.453	ug/l #	87
12) 1,1-Dichloroethene	4.359	96	58829	18.471	ug/l	90
13) Acrolein	4.189	56	61991	104.087	ug/l	100
14) Allyl chloride	5.042	41	73072	19.687	ug/l	98
15) Acrylonitrile	5.736	53	144156	101.721	ug/l	98
16) Acetone	4.442	43	133095	111.470	ug/l	99
17) Carbon Disulfide	4.730	76	143863	18.141	ug/l	96
18) Methyl Acetate	5.042	43	79508	19.656	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	214488	20.686	ug/l	98
20) Methylene Chloride	5.289	84	69134	19.204	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	60909	17.653	ug/l	92
22) Diisopropyl ether	6.683	45	185539	21.197	ug/l	98
23) Vinyl Acetate	6.612	43	571344	100.998	ug/l	97
24) 1,1-Dichloroethane	6.583	63	113338	19.425	ug/l	98
25) 2-Butanone	7.494	43	182897	100.332	ug/l	96
26) 2,2-Dichloropropane	7.494	77	95405	19.401	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	76809	19.086	ug/l	98
28) Bromochloromethane	7.824	49	55802	23.596	ug/l	94
29) Tetrahydrofuran	7.847	42	118746	105.545	ug/l	97
30) Chloroform	7.971	83	129091	19.996	ug/l	97
31) Cyclohexane	8.265	56	101194	17.693	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	112728	19.125	ug/l	93
36) 1,1-Dichloropropene	8.377	75	89078	18.510	ug/l	98
37) Ethyl Acetate	7.565	43	75742	19.645	ug/l	98
38) Carbon Tetrachloride	8.371	117	105975	19.748	ug/l	94
39) Methylcyclohexane	9.606	83	108245	18.419	ug/l	97
40) Benzene	8.612	78	270425	18.793	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	42865	21.209	ug/l	96
42) 1,2-Dichloroethane	8.677	62	99487	20.207	ug/l	97
43) Isopropyl Acetate	8.694	43	126477	20.142	ug/l	99
44) Trichloroethene	9.359	130	74969	18.421	ug/l	99
45) 1,2-Dichloropropane	9.624	63	66640	19.343	ug/l	100
46) Dibromomethane	9.712	93	51519	19.806	ug/l	100
47) Bromodichloromethane	9.888	83	104388	20.692	ug/l	96
48) Methyl methacrylate	9.682	41	59225	19.923	ug/l	98
49) 1,4-Dioxane	9.700	88	24212	385.994	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	383971	104.165	ug/l	98
52) Toluene	10.635	92	180081	18.714	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	101203	21.043	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	112574	20.346	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	71589	19.463	ug/l	98
56) Ethyl methacrylate	10.877	69	98474	20.737	ug/l	98
57) 1,3-Dichloropropane	11.165	76	118606	19.843	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	141023	87.969	ug/l	99
59) 2-Hexanone	11.200	43	273805	102.502	ug/l	98
60) Dibromochloromethane	11.359	129	85903	22.186	ug/l	98
61) 1,2-Dibromoethane	11.471	107	71370	19.439	ug/l	100
64) Tetrachloroethene	11.106	164	75129	17.270	ug/l	97
65) Chlorobenzene	11.894	112	191485	18.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	75972	20.024	ug/l	99
67) Ethyl Benzene	11.965	91	338908	19.419	ug/l	98
68) m/p-Xylenes	12.071	106	270809	38.698	ug/l	100
69) o-Xylene	12.400	106	131737	19.169	ug/l	98
70) Styrene	12.412	104	214920	19.586	ug/l	99
71) Bromoform	12.582	173	61802	22.556	ug/l #	100
73) Isopropylbenzene	12.700	105	345168	19.871	ug/l	100
74) N-amyl acetate	12.500	43	99757	19.965	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	99829	19.991	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	88018m	20.967	ug/l	
77) Bromobenzene	12.982	156	81547	19.740	ug/l	98
78) n-propylbenzene	13.041	91	385145	19.650	ug/l	100
79) 2-Chlorotoluene	13.129	91	230033	19.126	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	287313	19.743	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	29263	21.683	ug/l	99
82) 4-Chlorotoluene	13.129	91	230033	19.126	ug/l	100
83) tert-Butylbenzene	13.441	119	262461	20.278	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	289173	19.817	ug/l	99
85) sec-Butylbenzene	13.618	105	358059	19.937	ug/l	100
86) p-Isopropyltoluene	13.729	119	297977	20.177	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	151325	18.483	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	148033	19.070	ug/l	99
89) n-Butylbenzene	14.059	91	230435	19.656	ug/l	100
90) Hexachloroethane	14.341	117	55094	21.615	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	144813	17.758	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17570	20.241	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	67662	18.029	ug/l	98
94) Hexachlorobutadiene	15.506	225	38195	17.650	ug/l	97
95) Naphthalene	15.647	128	196775	18.085	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	67929	18.823	ug/l	99

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

