

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076955.D
 Acq On : 13 Mar 2023 12:31
 Operator : JC\MD
 Sample : VN0313MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2023
 Supervised By : Mahesh Dadoda 03/14/2023

Quant Time: Mar 14 07:00:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	369701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	639146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	596054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	273225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	297311	53.890	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.780%			
35) Dibromofluoromethane	8.178	113	218348	51.259	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.520%			
50) Toluene-d8	10.572	98	822430	52.387	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.780%			
62) 4-Bromofluorobenzene	12.854	95	321388	55.969	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	129519	19.450	ug/l	99
3) Chloromethane	2.378	50	55952	15.527	ug/l	92
4) Vinyl Chloride	2.531	62	53178	15.899	ug/l	97
5) Bromomethane	2.966	94	44061	17.909	ug/l	92
6) Chloroethane	3.137	64	36501	17.190	ug/l	93
7) Trichlorofluoromethane	3.513	101	158484	18.261	ug/l	91
8) Diethyl Ether	3.978	74	55362	19.827	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.390	101	78577	17.721	ug/l	96
10) Methyl Iodide	4.613	142	74499	16.052	ug/l #	88
11) Tert butyl alcohol	5.531	59	78864	102.759	ug/l	98
12) 1,1-Dichloroethene	4.354	96	70485	17.248	ug/l	96
13) Acrolein	4.196	56	71101	103.070	ug/l	100
14) Allyl chloride	5.043	41	105169	17.940	ug/l #	89
15) Acrylonitrile	5.731	53	222960	102.795	ug/l	99
16) Acetone	4.443	43	181861	95.129	ug/l	93
17) Carbon Disulfide	4.731	76	202837	17.919	ug/l	96
18) Methyl Acetate	5.043	43	135465	19.214	ug/l	93
19) Methyl tert-butyl Ether	5.807	73	306201	21.073	ug/l	98
20) Methylene Chloride	5.290	84	91733	18.662	ug/l	92
21) trans-1,2-Dichloroethene	5.801	96	81077	18.715	ug/l	91
22) Diisopropyl ether	6.678	45	271774	20.954	ug/l	96
23) Vinyl Acetate	6.619	43	867241	108.582	ug/l #	93
24) 1,1-Dichloroethane	6.584	63	161167	19.454	ug/l	98
25) 2-Butanone	7.490	43	286764	105.469	ug/l	91
26) 2,2-Dichloropropane	7.501	77	143585	19.585	ug/l	100
27) cis-1,2-Dichloroethene	7.501	96	101452	20.294	ug/l	89
28) Bromochloromethane	7.825	49	65566	21.879	ug/l	89
29) Tetrahydrofuran	7.842	42	187998	111.553	ug/l	86
30) Chloroform	7.978	83	179673	20.184	ug/l	97
31) Cyclohexane	8.266	56	152143	19.221	ug/l	95
32) 1,1,1-Trichloroethane	8.178	97	163553	19.597	ug/l	97
36) 1,1-Dichloropropene	8.378	75	123642	18.768	ug/l	97
37) Ethyl Acetate	7.572	43	118614	22.514	ug/l	96
38) Carbon Tetrachloride	8.372	117	147309	19.105	ug/l	98
39) Methylcyclohexane	9.607	83	156754	19.601	ug/l #	90
40) Benzene	8.613	78	388553	20.009	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	65039	20.746	ug/l	89
42) 1,2-Dichloroethane	8.678	62	153024	20.202	ug/l	96
43) Isopropyl Acetate	8.695	43	200696	21.579	ug/l	93
44) Trichloroethene	9.354	130	95014	18.932	ug/l	96
45) 1,2-Dichloropropane	9.625	63	102274	21.405	ug/l	97
46) Dibromomethane	9.713	93	70534	21.138	ug/l	94
47) Bromodichloromethane	9.895	83	147466	20.831	ug/l	95
48) Methyl methacrylate	9.684	41	96803	21.243	ug/l	87
49) 1,4-Dioxane	9.695	88	39324	455.738	ug/l #	84
51) 4-Methyl-2-Pentanone	10.448	43	634839	113.629	ug/l	94
52) Toluene	10.636	92	252081	21.092	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	160165	22.694	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	166870	21.530	ug/l #	91
55) 1,1,2-Trichloroethane	11.019	97	102792	22.105	ug/l	96
56) Ethyl methacrylate	10.878	69	161201	22.855	ug/l #	87
57) 1,3-Dichloropropane	11.166	76	177700	21.671	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	254823	113.456	ug/l	94
59) 2-Hexanone	11.195	43	470406	115.476	ug/l	94
60) Dibromochloromethane	11.366	129	111103	21.686	ug/l	98
61) 1,2-Dibromoethane	11.472	107	102850	22.067	ug/l	100
64) Tetrachloroethene	11.107	164	90488	18.758	ug/l	94
65) Chlorobenzene	11.895	112	260625	19.548	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	105439	20.258	ug/l	97
67) Ethyl Benzene	11.966	91	494609	20.175	ug/l	96
68) m/p-Xylenes	12.072	106	373884	40.575	ug/l	90
69) o-Xylene	12.401	106	189859	21.223	ug/l	86
70) Styrene	12.413	104	302475	20.929	ug/l	94
71) Bromoform	12.577	173	81771	21.679	ug/l #	97
73) Isopropylbenzene	12.695	105	484734	19.910	ug/l	96
74) N-amyl acetate	12.495	43	179549	22.274	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.936	83	152435	21.279	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	122656m	18.516	ug/l	
77) Bromobenzene	12.983	156	111466	20.480	ug/l	88
78) n-propylbenzene	13.036	91	549785	20.279	ug/l	97
79) 2-Chlorotoluene	13.124	91	356027	20.251	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	427078	20.593	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.742	75	52315	25.797	ug/l	89
82) 4-Chlorotoluene	13.224	91	336046	20.228	ug/l	91
83) tert-Butylbenzene	13.442	119	360089	20.438	ug/l	91
84) 1,2,4-Trimethylbenzene	13.483	105	421970	20.337	ug/l	92
85) sec-Butylbenzene	13.619	105	498438	20.639	ug/l	96
86) p-Isopropyltoluene	13.730	119	404188	20.725	ug/l	95
87) 1,3-Dichlorobenzene	13.736	146	198547	20.016	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	198291	19.928	ug/l	98
89) n-Butylbenzene	14.060	91	328542	20.188	ug/l	98
90) Hexachloroethane	14.336	117	73920	19.726	ug/l	87
91) 1,2-Dichlorobenzene	14.107	146	204080	20.480	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	34351	21.719	ug/l	83
93) 1,2,4-Trichlorobenzene	15.395	180	107884	19.477	ug/l	97
94) Hexachlorobutadiene	15.507	225	56940	19.294	ug/l	100
95) Naphthalene	15.642	128	356860	21.640	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	107251	19.940	ug/l	99

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

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