

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077869.D
 Acq On : 25 May 2023 00:12
 Operator : JC\MD
 Sample : VN0524MBS02
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 25 01:45:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	385283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	722029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	621444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	246707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	273560	47.453	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.900%		
35) Dibromofluoromethane	8.177	113	231369	49.141	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.280%		
50) Toluene-d8	10.577	98	848834	46.839	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.680%		
62) 4-Bromofluorobenzene	12.853	95	277428	43.345	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	74778	17.054	ug/l	94
3) Chloromethane	2.371	50	86082	17.346	ug/l	98
4) Vinyl Chloride	2.518	62	108850	19.690	ug/l	98
5) Bromomethane	2.965	94	82260	20.119	ug/l	90
6) Chloroethane	3.130	64	77441	19.438	ug/l	98
7) Trichlorofluoromethane	3.501	101	153140	19.877	ug/l	99
8) Diethyl Ether	3.971	74	53409	18.989	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	83943	19.688	ug/l	99
10) Methyl Iodide	4.600	142	108968	21.430	ug/l	97
11) Tert butyl alcohol	5.536	59	68062	85.548	ug/l	100
12) 1,1-Dichloroethene	4.348	96	84118	20.758	ug/l	89
13) Acrolein	4.195	56	37108	52.245	ug/l	92
14) Allyl chloride	5.042	41	104211	17.506	ug/l	96
15) Acrylonitrile	5.736	53	197898	93.105	ug/l	98
16) Acetone	4.442	43	161212	88.886	ug/l	94
17) Carbon Disulfide	4.718	76	199552	18.276	ug/l	95
18) Methyl Acetate	5.036	43	140921	18.521	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	281647	19.202	ug/l	94
20) Methylene Chloride	5.289	84	100974	20.213	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	88554	19.454	ug/l	91
22) Diisopropyl ether	6.677	45	262420	18.807	ug/l #	94
23) Vinyl Acetate	6.612	43	769774	89.039	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	173615	20.309	ug/l	98
25) 2-Butanone	7.494	43	247052	87.077	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	108348	14.919	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	111050	20.346	ug/l	97
28) Bromochloromethane	7.824	49	69563	18.816	ug/l #	91
29) Tetrahydrofuran	7.847	42	165983	89.346	ug/l	85
30) Chloroform	7.977	83	186287	19.810	ug/l	91
31) Cyclohexane	8.265	56	147314	18.802	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	160777	20.110	ug/l	97
36) 1,1-Dichloropropene	8.377	75	134562	19.540	ug/l	97
37) Ethyl Acetate	7.571	43	110615	18.021	ug/l #	93
38) Carbon Tetrachloride	8.371	117	140770	20.243	ug/l	96
39) Methylcyclohexane	9.606	83	158519	18.802	ug/l	91
40) Benzene	8.612	78	399733	19.670	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	58360	17.853	ug/l	90
42) 1,2-Dichloroethane	8.677	62	140976	19.097	ug/l	96
43) Isopropyl Acetate	8.694	43	178159	17.770	ug/l	96
44) Trichloroethene	9.359	130	110682	21.510	ug/l	90
45) 1,2-Dichloropropane	9.624	63	101730	19.625	ug/l	94
46) Dibromomethane	9.718	93	71352	19.236	ug/l	94
47) Bromodichloromethane	9.894	83	140300	19.757	ug/l	98
48) Methyl methacrylate	9.688	41	82840	17.427	ug/l	87
49) 1,4-Dioxane	9.700	88	32346	360.280	ug/l #	92
51) 4-Methyl-2-Pentanone	10.453	43	546693	91.734	ug/l	93
52) Toluene	10.635	92	257871	20.383	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	132641	17.638	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	150654	18.179	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	99317	19.771	ug/l	92
56) Ethyl methacrylate	10.882	69	139786	18.404	ug/l #	90
57) 1,3-Dichloropropane	11.171	76	168013	19.510	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	278136	74.435	ug/l	94
59) 2-Hexanone	11.200	43	375154	85.107	ug/l	93
60) Dibromochloromethane	11.365	129	104187	20.090	ug/l	100
61) 1,2-Dibromoethane	11.482	107	102527	20.459	ug/l	97
64) Tetrachloroethene	11.112	164	102658	23.622	ug/l	94
65) Chlorobenzene	11.900	112	272765	20.247	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	101041	21.675	ug/l	98
67) Ethyl Benzene	11.971	91	478509	19.820	ug/l	100
68) m/p-Xylenes	12.076	106	367416	40.164	ug/l	99
69) o-Xylene	12.406	106	182571	20.294	ug/l	100
70) Styrene	12.418	104	283235	19.818	ug/l	99
71) Bromoform	12.588	173	63208	20.383	ug/l #	99
73) Isopropylbenzene	12.700	105	468657	22.038	ug/l	99
74) N-amyl acetate	12.500	43	141980	18.062	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	131138	20.045	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	115390m	18.676	ug/l	
77) Bromobenzene	12.988	156	105435	21.725	ug/l	96
78) n-propylbenzene	13.041	91	531178	21.187	ug/l	100
79) 2-Chlorotoluene	13.129	91	321110	21.464	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	400375	22.401	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	31101	16.091	ug/l #	80
82) 4-Chlorotoluene	13.229	91	300338	20.177	ug/l	99
83) tert-Butylbenzene	13.447	119	339660	21.768	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	388996	22.129	ug/l	99
85) sec-Butylbenzene	13.623	105	466352	21.030	ug/l	98
86) p-Isopropyltoluene	13.735	119	386518	21.863	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	178228	19.858	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	172653	19.386	ug/l	98
89) n-Butylbenzene	14.065	91	298285	18.344	ug/l	98
90) Hexachloroethane	14.341	117	63181	21.755	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	181977	21.704	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	22210	17.535	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	67822	13.842	ug/l	95
94) Hexachlorobutadiene	15.506	225	36594	17.988	ug/l	96
95) Naphthalene	15.647	128	206157	12.224	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	73612	15.344	ug/l	95

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

