

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
 Data File : VN076711.D
 Acq On : 16 Feb 2023 15:03
 Operator : JC\MD
 Sample : VN0216MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0216MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/17/2023
 Supervised By : Mahesh Dadoda 02/18/2023

Quant Time: Feb 17 00:11:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	333712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	599421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	528743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	258240	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	241513	52.411	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.820%	
35) Dibromofluoromethane	8.172	113	193613	49.322	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.640%	
50) Toluene-d8	10.572	98	756711	51.618	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.240%	
62) 4-Bromofluorobenzene	12.848	95	250910	51.676	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	71421	20.156	ug/l	97
3) Chloromethane	2.378	50	82663	17.881	ug/l	90
4) Vinyl Chloride	2.531	62	88989	19.558	ug/l	100
5) Bromomethane	2.966	94	52156	18.918	ug/l	96
6) Chloroethane	3.131	64	62832	21.851	ug/l	97
7) Trichlorofluoromethane	3.513	101	111896	18.075	ug/l	95
8) Diethyl Ether	3.972	74	47370	19.857	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.390	101	66610	18.312	ug/l	97
10) Methyl Iodide	4.601	142	81381	18.116	ug/l	98
11) Tert butyl alcohol	5.537	59	48395	79.564	ug/l	98
12) 1,1-Dichloroethene	4.354	96	60566	17.583	ug/l	84
13) Acrolein	4.190	56	76867	84.176	ug/l	99
14) Allyl chloride	5.043	41	107118	17.948	ug/l	98
15) Acrylonitrile	5.737	53	194037	89.889	ug/l	98
16) Acetone	4.437	43	153852	74.745	ug/l	92
17) Carbon Disulfide	4.725	76	156117	17.166	ug/l	96
18) Methyl Acetate	5.043	43	124925	18.593	ug/l	100
19) Methyl tert-butyl Ether	5.813	73	226410	19.496	ug/l	99
20) Methylene Chloride	5.278	84	81513	18.895	ug/l	88
21) trans-1,2-Dichloroethene	5.801	96	67264	17.348	ug/l	91
22) Diisopropyl ether	6.684	45	278606	19.903	ug/l #	94
23) Vinyl Acetate	6.613	43	858845	103.695	ug/l	97
24) 1,1-Dichloroethane	6.584	63	144838	18.879	ug/l	97
25) 2-Butanone	7.489	43	263441	86.765	ug/l	96
26) 2,2-Dichloropropane	7.501	77	97091	17.545	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	83502	18.157	ug/l	95
28) Bromochloromethane	7.825	49	78923	21.614	ug/l	93
29) Tetrahydrofuran	7.848	42	175895	88.668	ug/l	98
30) Chloroform	7.972	83	139744	18.231	ug/l	99
31) Cyclohexane	8.266	56	137222	18.984	ug/l	95
32) 1,1,1-Trichloroethane	8.172	97	119614	18.559	ug/l	89
36) 1,1-Dichloropropene	8.384	75	99679	17.575	ug/l	98
37) Ethyl Acetate	7.572	43	110086	18.448	ug/l	99
38) Carbon Tetrachloride	8.372	117	100727	17.605	ug/l	98
39) Methylcyclohexane	9.607	83	120641	18.713	ug/l	92
40) Benzene	8.613	78	325671	18.698	ug/l	99

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41) Methacrylonitrile	7.784	41	64104	18.543	ug/l	99
42) 1,2-Dichloroethane	8.678	62	110100	18.125	ug/l	99
43) Isopropyl Acetate	8.689	43	187304	19.289	ug/l	100
44) Trichloroethene	9.360	130	73908	17.957	ug/l	97
45) 1,2-Dichloropropane	9.625	63	86606	18.784	ug/l	99
46) Dibromomethane	9.713	93	55161	18.714	ug/l	94
47) Bromodichloromethane	9.889	83	108483	18.357	ug/l #	98
48) Methyl methacrylate	9.683	41	88810	19.274	ug/l	96
49) 1,4-Dioxane	9.701	88	25860	324.442	ug/l #	83
51) 4-Methyl-2-Pentanone	10.448	43	579046	93.725	ug/l	99
52) Toluene	10.630	92	201862	19.196	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	110452	19.364	ug/l	99
54) cis-1,3-Dichloropropene	10.319	75	121222	18.424	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	80514	18.829	ug/l	95
56) Ethyl methacrylate	10.877	69	113677	18.887	ug/l	95
57) 1,3-Dichloropropane	11.166	76	141007	19.194	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.166	63	299071	108.498	ug/l	96
59) 2-Hexanone	11.201	43	408565	91.716	ug/l	99
60) Dibromochloromethane	11.360	129	80888	17.949	ug/l	98
61) 1,2-Dibromoethane	11.472	107	76002	17.757	ug/l	100
64) Tetrachloroethene	11.107	164	57225	17.174	ug/l	91
65) Chlorobenzene	11.895	112	209041	18.655	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.960	131	75275	18.494	ug/l	97
67) Ethyl Benzene	11.966	91	379739	19.892	ug/l	100
68) m/p-Xylenes	12.072	106	294765	40.058	ug/l	96
69) o-Xylene	12.401	106	148004	20.623	ug/l	98
70) Styrene	12.413	104	239894	20.671	ug/l	100
71) Bromoform	12.583	173	53004	17.754	ug/l #	100
73) Isopropylbenzene	12.701	105	378956	20.021	ug/l	98
74) N-amyl acetate	12.501	43	161486	18.928	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	122874	17.934	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	106776m	20.452	ug/l	
77) Bromobenzene	12.983	156	88112	18.658	ug/l	97
78) n-propylbenzene	13.036	91	451107	20.296	ug/l	99
79) 2-Chlorotoluene	13.124	91	265901	19.539	ug/l	96
80) 1,3,5-Trimethylbenzene	13.177	105	324616	20.752	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	30736	17.147	ug/l	87
82) 4-Chlorotoluene	13.124	91	265901	19.539	ug/l	96
83) tert-Butylbenzene	13.442	119	284440	20.100	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	326118	20.918	ug/l	99
85) sec-Butylbenzene	13.618	105	409223	20.713	ug/l	98
86) p-Isopropyltoluene	13.730	119	327849	20.781	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	171502	19.212	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	165075	18.569	ug/l	98
89) n-Butylbenzene	14.060	91	271686	19.800	ug/l	100
90) Hexachloroethane	14.336	117	59979	18.157	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	172150	18.811	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	21084	15.884	ug/l	96
93) 1,2,4-Trichlorobenzene	15.395	180	83218	18.229	ug/l	98
94) Hexachlorobutadiene	15.507	225	39557	17.680	ug/l	97
95) Naphthalene	15.642	128	271293	19.584	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	82331	18.615	ug/l	95

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

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