

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051322\
 Data File : VU048573.D
 Acq On : 13 May 2022 19:36
 Operator : SY/MD
 Sample : N2766-03MEMSD
 Misc : 7.09g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4F3MEMSD

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 14 04:19:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 14 04:14:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	277603	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	278820	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	175313	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59840m	25.029	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	50.060%#		
7) Chloroethane-d5	1.874	69	53550m	34.320	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	68.640%#		
11) 1,1-Dichloroethene-d2	2.536	63	139607	32.811	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.620%		
21) 2-Butanone-d5	4.633	46	146688	72.045	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	72.040%		
24) Chloroform-d	5.060	84	169131	40.729	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.460%		
26) 1,2-Dichloroethane-d4	5.700	65	117126	43.390	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.780%		
32) Benzene-d6	5.723	84	288804	34.086	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	68.180%#		
36) 1,2-Dichloropropane-d6	6.690	67	91162	32.994	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	65.980%#		
41) Toluene-d8	7.896	98	272623	36.382	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	72.760%#		
43) trans-1,3-Dichloroprop...	8.182	79	53287	41.902	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.800%		
47) 2-Hexanone-d5	8.655	63	115994	86.738	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.740%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	168419	40.018	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.040%		
66) 1,2-Dichlorobenzene-d4	12.198	152	133925	38.579	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.160%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.379	85	108331m	43.139	ug/L	
3) Chloromethane	1.517	50	90609	31.545	ug/L	99
5) Vinyl chloride	1.601	62	103029	37.757	ug/L	95
6) Bromomethane	1.826	94	71669	53.110	ug/L	100
8) Chloroethane	1.890	64	65734m	44.806	ug/L	
9) Trichlorofluoromethane	2.076	101	175089	48.836	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.546	101	93301	45.350	ug/L	96
12) 1,1-Dichloroethene	2.549	96	86282	44.356	ug/L #	81
13) Acetone	2.642	43	116156	75.670	ug/L	95
14) Carbon disulfide	2.761	76	233032	38.650	ug/L	99
15) Methyl Acetate	2.951	43	120753	38.399	ug/L	91
16) Methylene chloride	3.031	84	104643	43.991	ug/L	87
17) trans-1,2-Dichloroethene	3.334	96	94567	45.568	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	349189	49.964	ug/L	96
19) 1,1-Dichloroethane	3.858	63	185297	43.302	ug/L	98
20) cis-1,2-Dichloroethene	4.658	96	111618	47.662	ug/L	91
22) 2-Butanone	4.713	43	192268	83.791	ug/L	97
23) Bromochloromethane	4.970	128	60309	48.866	ug/L #	83
25) Chloroform	5.086	83	206768	48.932	ug/L	98

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27) 1,2-Dichloroethane	5.790	62	181257	52.173	ug/L	99
29) Cyclohexane	5.378	56	144997	37.686	ug/L	89
30) 1,1,1-Trichloroethane	5.308	97	198300	51.212	ug/L	97
31) Carbon tetrachloride	5.517	117	174442	52.612	ug/L	98
33) Benzene	5.768	78	408191	42.520	ug/L	100
34) Trichloroethene	6.539	95	111347	47.185	ug/L	98
35) Methylcyclohexane	6.758	83	161274	42.834	ug/L	94
37) 1,2-Dichloropropane	6.790	63	103367	38.578	ug/L	100
38) Bromodichloromethane	7.108	83	160513	49.199	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	178899	46.942	ug/L	97
40) 4-Methyl-2-pentanone	7.800	43	338665	78.886	ug/L #	93
42) Toluene	7.970	91	458023	46.227	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	188791	50.975	ug/L	96
45) 1,1,2-Trichloroethane	8.404	97	114069	47.076	ug/L	96
46) Tetrachloroethene	8.552	164	89928	50.727	ug/L	99
48) 2-Hexanone	8.703	43	296223	83.026	ug/L	98
49) Dibromochloromethane	8.816	129	143109	54.995	ug/L	93
50) 1,2-Dibromoethane	8.925	107	128543	50.185	ug/L	99
51) Chlorobenzene	9.449	112	315019	50.460	ug/L	98
52) Ethylbenzene	9.571	91	514676	49.865	ug/L	99
53) m,p-Xylene	9.697	106	208910	52.437	ug/L	98
54) o-Xylene	10.102	106	208472	52.012	ug/L	98
55) Styrene	10.118	104	366785	56.283	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	208028	45.807	ug/L	99
59) Bromoform	10.301	173	119450	48.042	ug/L	98
60) 1,2,3-Trichloropropane	10.828	75	179578	39.241	ug/L	94
61) Isopropylbenzene	10.488	105	557184	45.356	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	323995	47.844	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	507676	50.338	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	275693	47.584	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	281184	48.406	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	273890	46.194	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	58013	43.252	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	209430	51.124	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	186800	52.508	ug/L	99
71) Naphthalene	14.086	128	608110	44.387	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	186243	49.222	ug/L	99

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

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