

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
 Data File : VU048463.D
 Acq On : 06 May 2022 18:29
 Operator : SY/MD
 Sample : N2638-10MEMS
 Misc : 4.81g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL04MEMS

Quant Time: May 07 04:10:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 23:43:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	402965	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	409574	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	216850	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	145348	41.882	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.760%		
7) Chloroethane-d5	1.874	69	89605	39.562	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.120%		
11) 1,1-Dichloroethene-d2	2.559	63	257061	41.620	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.240%		
21) 2-Butanone-d5	4.623	46	254005	85.942	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.940%		
24) Chloroform-d	5.063	84	249173	41.337	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.680%		
26) 1,2-Dichloroethane-d4	5.700	65	161722	41.273	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.540%		
32) Benzene-d6	5.726	84	497873	40.002	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.000%		
36) 1,2-Dichloropropane-d6	6.690	67	164003	40.408	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.820%		
41) Toluene-d8	7.899	98	445949	40.513	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.020%		
43) trans-1,3-Dichloroprop...	8.179	79	74654	39.963	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.920%		
47) 2-Hexanone-d5	8.636	63	181883	92.589	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.590%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	272193	44.028	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.060%		
66) 1,2-Dichlorobenzene-d4	12.195	152	177664	41.375	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	161077	44.189	ug/L	99
3) Chloromethane	1.520	50	194455	46.638	ug/L	99
5) Vinyl chloride	1.604	62	186902	47.185	ug/L	99
6) Bromomethane	1.829	94	82965	42.354	ug/L	99
8) Chloroethane	1.899	64	98863	46.424	ug/L	99
9) Trichlorofluoromethane	2.118	101	232738	44.721	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	130290	43.627	ug/L	99
12) 1,1-Dichloroethene	2.571	96	129093	45.719	ug/L	89
13) Acetone	2.629	43	174557	78.339	ug/L	100
14) Carbon disulfide	2.784	76	391050	44.681	ug/L	100
15) Methyl Acetate	2.944	43	211437	46.319	ug/L	99
16) Methylene chloride	3.041	84	163516	47.355	ug/L	99
17) trans-1,2-Dichloroethene	3.346	96	139012	46.146	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	476331	46.953	ug/L	99
19) 1,1-Dichloroethane	3.864	63	284990	45.880	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	159573	46.941	ug/L	93
22) 2-Butanone	4.703	43	307350	92.274	ug/L	99
23) Bromochloromethane	4.977	128	80121	44.723	ug/L	96
25) Chloroform	5.086	83	279201	45.518	ug/L	99

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27) 1,2-Dichloroethane	5.793	62	230451	45.696	ug/L	98
29) Cyclohexane	5.385	56	249687	44.178	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	248796	43.741	ug/L	99
31) Carbon tetrachloride	5.523	117	210010	43.119	ug/L	100
33) Benzene	5.771	78	622467	44.140	ug/L	100
34) Trichloroethene	6.539	95	150493	43.414	ug/L	97
35) Methylcyclohexane	6.761	83	237912	43.016	ug/L	99
37) 1,2-Dichloropropane	6.790	63	172314	43.780	ug/L	99
38) Bromodichloromethane	7.105	83	207851	43.370	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	247973	44.294	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	617463	97.911	ug/L	100
42) Toluene	7.970	91	649705	44.639	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	241893	44.462	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	166325	46.728	ug/L	99
46) Tetrachloroethene	8.552	164	112403	43.164	ug/L	100
48) 2-Hexanone	8.687	43	501220	95.634	ug/L	99
49) Dibromochloromethane	8.812	129	175530	45.920	ug/L	100
50) 1,2-Dibromoethane	8.925	107	173443	46.097	ug/L	98
51) Chlorobenzene	9.449	112	421017	45.909	ug/L	99
52) Ethylbenzene	9.571	91	693604	45.748	ug/L	100
53) m,p-Xylene	9.693	106	272342	46.536	ug/L	98
54) o-Xylene	10.102	106	280627	47.662	ug/L	98
55) Styrene	10.115	104	476195	49.744	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	325692	48.821	ug/L	98
59) Bromoform	10.295	173	142442	46.316	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	269116	47.543	ug/L	100
61) Isopropylbenzene	10.484	105	709448	46.689	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	395427	47.207	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	611621	49.029	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	321734	44.894	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	322466	44.879	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	330755	45.100	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	71814	43.286	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	219123	43.244	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	176964	40.215	ug/L	98
71) Naphthalene	14.089	128	597217	35.242	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	183374	39.181	ug/L	99

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

