

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U082922\
 Data File : VU050497.D
 Acq On : 29 Aug 2022 20:19
 Operator : SY/MD
 Sample : N4322-02MEMS
 Misc : 3.97g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY163MEMS

Quant Time: Aug 30 02:18:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 02:11:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	416002	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	403624	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	179753	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	81215	16.511	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	33.020%#
7) Chloroethane-d5	1.887	69	30702	8.435	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	16.880%#
11) 1,1-Dichloroethene-d2	2.523	63	256483	36.896	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.800%
21) 2-Butanone-d5	4.649	46	283606	88.086	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.090%
24) Chloroform-d	5.060	84	294678	37.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.640%
26) 1,2-Dichloroethane-d4	5.700	65	185720	37.844	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.680%
32) Benzene-d6	5.719	84	600796	40.285	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.560%
36) 1,2-Dichloropropane-d6	6.690	67	198626	40.203	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.400%
41) Toluene-d8	7.896	98	527524	40.424	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.840%
43) trans-1,3-Dichloroprop...	8.182	79	71094	34.496	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.000%
47) 2-Hexanone-d5	8.661	63	186533	101.737	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.740%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	302111	39.645	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.300%
66) 1,2-Dichlorobenzene-d4	12.198	152	176460	41.095	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.379	85	89103	27.401	ug/L	100
3) Chloromethane	1.510	50	166185	43.912	ug/L	99
5) Vinyl chloride	1.597	62	88282	23.856	ug/L	99
6) Bromomethane	1.838	94	46976	34.330	ug/L	100
8) Chloroethane	1.906	64	23027	10.242	ug/L	100
9) Trichlorofluoromethane	2.080	101	103435	21.969	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.533	101	129696	44.930	ug/L	98
12) 1,1-Dichloroethene	2.536	96	118369	46.385	ug/L	91
13) Acetone	2.655	43	184745	87.271	ug/L	99
14) Carbon disulfide	2.748	76	194881	29.927	ug/L	99
15) Methyl Acetate	2.957	43	193845	50.896	ug/L	99
16) Methylene chloride	3.025	84	162120	45.584	ug/L	97
17) trans-1,2-Dichloroethene	3.327	96	122813	45.781	ug/L	98
18) Methyl tert-butyl Ether	3.375	73	473570	55.776	ug/L	99
19) 1,1-Dichloroethane	3.851	63	277088	47.676	ug/L	98
20) cis-1,2-Dichloroethene	4.658	96	154877	48.211	ug/L	98
22) 2-Butanone	4.729	43	292212	101.852	ug/L	96
23) Bromochloromethane	4.967	128	80851	46.081	ug/L	96
25) Chloroform	5.086	83	293101	47.338	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	225683	48.863	ug/L	98
29) Cyclohexane	5.372	56	193238	52.045	ug/L	99
30) 1,1,1-Trichloroethane	5.308	97	208452	45.141	ug/L	99
31) Carbon tetrachloride	5.513	117	155559	41.049	ug/L	98
33) Benzene	5.768	78	632764	51.779	ug/L	100
34) Trichloroethene	6.539	95	142926	49.410	ug/L	100
35) Methylcyclohexane	6.755	83	194682	48.131	ug/L	98
37) 1,2-Dichloropropane	6.790	63	178768	50.362	ug/L	100
38) Bromodichloromethane	7.108	83	190762	42.122	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	216511	46.447	ug/L	98
40) 4-Methyl-2-pentanone	7.806	43	537952	114.042	ug/L	99
42) Toluene	7.970	91	657228	53.380	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	202119	46.518	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	178847	51.203	ug/L	97
46) Tetrachloroethene	8.552	164	101075	47.575	ug/L	97
48) 2-Hexanone	8.713	43	452068	114.757	ug/L	98
49) Dibromochloromethane	8.816	129	147045	40.641	ug/L	99
50) 1,2-Dibromoethane	8.925	107	170803	48.932	ug/L	99
51) Chlorobenzene	9.449	112	407508	50.435	ug/L	98
52) Ethylbenzene	9.574	91	656432	52.899	ug/L	100
53) m,p-Xylene	9.697	106	249081	53.749	ug/L	100
54) o-Xylene	10.105	106	255241	55.439	ug/L	99
55) Styrene	10.121	104	436040	55.659	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	319608	50.077	ug/L	100
59) Bromoform	10.301	173	102680	39.890	ug/L	98
60) 1,2,3-Trichloropropane	10.832	75	246089	53.127	ug/L	100
61) Isopropylbenzene	10.488	105	634604	57.078	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	521608	58.102	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	509755	58.218	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	278769	51.279	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	273216	49.904	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	301062	52.663	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	50667	41.156	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	198897	53.077	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	163921	54.621	ug/L	99
71) Naphthalene	14.089	128	572904	58.195	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	185094	56.432	ug/L	99

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

