

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U082922\
 Data File : U082922.D
 Acq On : 29 Aug 2022 20:42
 Operator : SY/MD
 Sample : N4322-03MEMSD
 Misc : 5.63g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY163MEMSD

Quant Time: Aug 30 02:19:20 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	418533	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	405310	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	179149	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	80716	16.310	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	32.620%#
7) Chloroethane-d5	1.890	69	29754	8.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	16.260%#
11) 1,1-Dichloroethene-d2	2.523	63	243292	34.787	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.580%
21) 2-Butanone-d5	4.649	46	273869	84.548	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.550%
24) Chloroform-d	5.060	84	291545	36.699	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.400%
26) 1,2-Dichloroethane-d4	5.700	65	182451	36.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.900%
32) Benzene-d6	5.719	84	587806	39.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.500%
36) 1,2-Dichloropropane-d6	6.690	67	196637	39.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.260%
41) Toluene-d8	7.896	98	513577	39.191	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.380%#
43) trans-1,3-Dichloroprop...	8.182	79	70970	34.293	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.580%
47) 2-Hexanone-d5	8.661	63	186859	101.491	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.490%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	295812	38.657	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.320%
66) 1,2-Dichlorobenzene-d4	12.198	152	175855	41.093	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.379	85	94040	28.745	ug/L	95
3) Chloromethane	1.511	50	165353	43.428	ug/L	99
5) Vinyl chloride	1.597	62	87590	23.526	ug/L	99
6) Bromomethane	1.838	94	46973	34.120	ug/L	92
8) Chloroethane	1.906	64	22591	9.988	ug/L	98
9) Trichlorofluoromethane	2.083	101	101556	21.439	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.533	101	127659	43.957	ug/L	99
12) 1,1-Dichloroethene	2.536	96	115875	45.133	ug/L	93
13) Acetone	2.658	43	180702	84.844	ug/L	100
14) Carbon disulfide	2.752	76	193557	29.543	ug/L	99
15) Methyl Acetate	2.957	43	193585	50.520	ug/L	99
16) Methylene chloride	3.025	84	156483	43.733	ug/L	98
17) trans-1,2-Dichloroethene	3.327	96	123858	45.891	ug/L	96
18) Methyl tert-butyl Ether	3.372	73	483501	56.601	ug/L	99
19) 1,1-Dichloroethane	3.851	63	278838	47.687	ug/L	97
20) cis-1,2-Dichloroethene	4.658	96	158534	49.051	ug/L	98
22) 2-Butanone	4.726	43	290646	100.693	ug/L	99
23) Bromochloromethane	4.970	128	82698	46.848	ug/L	98
25) Chloroform	5.086	83	294345	47.252	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	225788	48.590	ug/L	97
29) Cyclohexane	5.372	56	187320	50.242	ug/L	99
30) 1,1,1-Trichloroethane	5.305	97	211253	45.557	ug/L	100
31) Carbon tetrachloride	5.514	117	154596	40.625	ug/L	100
33) Benzene	5.768	78	637759	51.971	ug/L	100
34) Trichloroethene	6.536	95	142902	49.196	ug/L	99
35) Methylcyclohexane	6.755	83	192747	47.455	ug/L	99
37) 1,2-Dichloropropane	6.790	63	181887	51.027	ug/L	99
38) Bromodichloromethane	7.108	83	191569	42.124	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	218836	46.751	ug/L	99
40) 4-Methyl-2-pentanone	7.806	43	543808	114.804	ug/L #	97
42) Toluene	7.970	91	658656	53.273	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	206362	47.297	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	179785	51.258	ug/L	97
46) Tetrachloroethene	8.552	164	99763	46.762	ug/L	99
48) 2-Hexanone	8.713	43	452734	114.448	ug/L	98
49) Dibromochloromethane	8.816	129	149002	41.011	ug/L	98
50) 1,2-Dibromoethane	8.925	107	173510	49.501	ug/L	99
51) Chlorobenzene	9.449	112	417107	51.408	ug/L	98
52) Ethylbenzene	9.575	91	667494	53.566	ug/L	100
53) m,p-Xylene	9.697	106	252322	54.222	ug/L	98
54) o-Xylene	10.105	106	256769	55.539	ug/L	100
55) Styrene	10.121	104	439479	55.865	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	321780	50.208	ug/L	100
59) Bromoform	10.301	173	103475	40.334	ug/L	99
60) 1,2,3-Trichloropropane	10.832	75	246810	53.462	ug/L	100
61) Isopropylbenzene	10.488	105	639719	57.732	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	529471	59.177	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	520422	59.637	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	284903	52.584	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	282292	51.736	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	304182	53.388	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	51824	42.238	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	197378	52.849	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	171344	57.287	ug/L	98
71) Naphthalene	14.089	128	636431	64.866	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	197252	60.341	ug/L	98

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

