

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048269.D
 Acq On : 25 Apr 2022 15:15
 Operator : SY/MD
 Sample : N2293-24MEMSD
 Misc : 6.24g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNQ5MEMSD

Quant Time: Apr 26 02:44:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:41:26 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

04/26/2022
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	434382	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	461740	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	259642	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.597	65	164713m	41.235	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.480%
7) Chloroethane-d5	1.871	69	63873m	22.780	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.560%#
11) 1,1-Dichloroethene-d2	2.530	63	265112	41.422	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.840%
21) 2-Butanone-d5	4.639	46	305362	89.630	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.630%
24) Chloroform-d	5.063	84	305618	42.182	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.360%
26) 1,2-Dichloroethane-d4	5.700	65	185555	43.164	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.320%
32) Benzene-d6	5.719	84	634015	43.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.080%
36) 1,2-Dichloropropane-d6	6.690	67	212027	44.040	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.080%
41) Toluene-d8	7.899	98	605820	45.895	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.780%
43) trans-1,3-Dichloroprop...	8.185	79	97192	45.750	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.500%
47) 2-Hexanone-d5	8.658	63	244441	94.106	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.110%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	351938	41.681	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.360%
66) 1,2-Dichlorobenzene-d4	12.198	152	258778	44.306	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.620%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.379	85	142360m	43.372	ug/L	
3) Chloromethane	1.520	50	164431	43.768	ug/L	100
5) Vinyl chloride	1.604	62	170403m	45.011	ug/L	
6) Bromomethane	1.826	94	48376	27.804	ug/L	97
8) Chloroethane	1.890	64	52426m	24.491	ug/L	
9) Trichlorofluoromethane	2.067	101	130719m	26.495	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	2.536	101	138260	42.252	ug/L	99
12) 1,1-Dichloroethene	2.539	96	119510	41.841	ug/L	89
13) Acetone	2.649	43	164553	75.236	ug/L	98
14) Carbon disulfide	2.752	76	298820	42.925	ug/L	99
15) Methyl Acetate	2.954	43	196784	45.324	ug/L	99
16) Methylene chloride	3.031	84	163792	44.479	ug/L	98
17) trans-1,2-Dichloroethene	3.330	96	133664	45.046	ug/L	98
18) Methyl tert-butyl Ether	3.372	73	470040	48.011	ug/L	99
19) 1,1-Dichloroethane	3.861	63	247610	39.905	ug/L	98
20) cis-1,2-Dichloroethene	4.661	96	164493	45.990	ug/L	99
22) 2-Butanone	4.719	43	291465	90.119	ug/L	99
23) Bromochloromethane	4.973	128	89080	44.609	ug/L	98
25) Chloroform	5.089	83	284497	44.900	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	212583	45.997	ug/L	99
29) Cyclohexane	5.372	56	214127	49.082	ug/L	98
30) 1,1,1-Trichloroethane	5.308	97	230465	44.137	ug/L	99
31) Carbon tetrachloride	5.514	117	192082	43.161	ug/L	100
33) Benzene	5.768	78	662908	48.490	ug/L	100
34) Trichloroethene	6.539	95	154785	46.192	ug/L	98
35) Methylcyclohexane	6.755	83	229864	48.861	ug/L	99
37) 1,2-Dichloropropane	6.790	63	179029	46.028	ug/L	99
38) Bromodichloromethane	7.115	83	226783	46.169	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	266825	48.785	ug/L	100
40) 4-Methyl-2-pentanone	7.829	43	556778m	94.908	ug/L	
42) Toluene	7.970	91	725816	50.569	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	259185	48.508	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	190003	46.560	ug/L	99
46) Tetrachloroethene	8.552	164	130128	45.248	ug/L	97
48) 2-Hexanone	8.710	43	480862	98.156	ug/L	98
49) Dibromochloromethane	8.819	129	199629	44.518	ug/L	100
50) 1,2-Dibromoethane	8.928	107	192264	46.459	ug/L	97
51) Chlorobenzene	9.452	112	734320	70.978	ug/L	99
52) Ethylbenzene	9.574	91	730648	49.154	ug/L	99
53) m,p-Xylene	9.697	106	290524	49.528	ug/L	99
54) o-Xylene	10.108	106	292487	49.496	ug/L	100
55) Styrene	10.124	104	497604	49.430	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	350866	43.564	ug/L	99
59) Bromoform	10.304	173	163588	43.414	ug/L	99
60) 1,2,3-Trichloropropane	10.832	75	267557	44.173	ug/L	99
61) Isopropylbenzene	10.491	105	752240	51.817	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	405043	52.936	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	651800	55.407	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	392496	48.224	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	389202	46.841	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	399503	46.595	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	72572	44.882	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	302028	49.940	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	257655	53.926	ug/L	100
71) Naphthalene	14.089	128	834084	61.000	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	270245	55.190	ug/L	98

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

