

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048271.D
 Acq On : 25 Apr 2022 16:28
 Operator : SY/MD
 Sample : N2316-24MEMSD
 Misc : 7.18g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNS0MEMSD

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/26/2022
 Supervised By : Mahesh Dadoda 04/26/2022

Quant Time: Apr 26 02:45:10 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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	403417	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	427000	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	240280	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	153391	41.349	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.700%
7) Chloroethane-d5	1.890	69	69632m	26.741	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	53.480%#
11) 1,1-Dichloroethene-d2	2.539	63	246520	41.474	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.940%
21) 2-Butanone-d5	4.642	46	308345	97.453	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.450%
24) Chloroform-d	5.064	84	299100	44.451	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.900%
26) 1,2-Dichloroethane-d4	5.703	65	184253	46.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.300%
32) Benzene-d6	5.723	84	620506	46.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.160%
36) 1,2-Dichloropropane-d6	6.690	67	206238	46.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.640%
41) Toluene-d8	7.899	98	572311	46.884	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.760%
43) trans-1,3-Dichloroprop...	8.186	79	95056	48.385	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.780%
47) 2-Hexanone-d5	8.668	63	239174	99.569	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.570%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	349144	44.714	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.420%
66) 1,2-Dichlorobenzene-d4	12.198	152	254675	47.117	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	139241m	45.678	ug/L	
3) Chloromethane	1.520	50	161464	46.278	ug/L	100
5) Vinyl chloride	1.604	62	162228	46.140	ug/L	89
6) Bromomethane	1.842	94	60105	37.196	ug/L	98
8) Chloroethane	1.909	64	56821m	28.581	ug/L	
9) Trichlorofluoromethane	2.086	101	133487m	29.133	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	2.546	101	137276	45.172	ug/L	99
12) 1,1-Dichloroethene	2.552	96	120437	45.402	ug/L	98
13) Acetone	2.649	43	169905	83.646	ug/L	98
14) Carbon disulfide	2.765	76	272906	42.212	ug/L	99
15) Methyl Acetate	2.954	43	202505	50.222	ug/L	99
16) Methylene chloride	3.035	84	163867	47.915	ug/L	99
17) trans-1,2-Dichloroethene	3.337	96	132821	48.198	ug/L	99
18) Methyl tert-butyl Ether	3.372	73	491060	54.008	ug/L	100
19) 1,1-Dichloroethane	3.861	63	265599	46.090	ug/L	98
20) cis-1,2-Dichloroethene	4.662	96	165633	49.863	ug/L	98
22) 2-Butanone	4.723	43	292276	97.306	ug/L	98
23) Bromochloromethane	4.977	128	89188	48.091	ug/L	99
25) Chloroform	5.089	83	286747	48.729	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	215362	50.175	ug/L	99
29) Cyclohexane	5.379	56	209550	51.940	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	224509	46.495	ug/L	99
31) Carbon tetrachloride	5.517	117	186846	45.400	ug/L	99
33) Benzene	5.768	78	658735	52.105	ug/L	100
34) Trichloroethene	6.539	95	150615	48.605	ug/L	99
35) Methylcyclohexane	6.758	83	224384	51.576	ug/L	99
37) 1,2-Dichloropropane	6.793	63	179575	49.924	ug/L	100
38) Bromodichloromethane	7.112	83	219411	48.302	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	262294	51.858	ug/L	98
40) 4-Methyl-2-pentanone	7.838	43	567197	104.550	ug/L	99
42) Toluene	7.970	91	678728	51.136	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	253719	51.348	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	188983	50.077	ug/L	98
46) Tetrachloroethene	8.552	164	130171	48.946	ug/L	98
48) 2-Hexanone	8.716	43	488947	107.927	ug/L	99
49) Dibromochloromethane	8.819	129	198611	47.894	ug/L	98
50) 1,2-Dibromoethane	8.928	107	200410	52.368	ug/L	98
51) Chlorobenzene	9.452	112	575744	60.178	ug/L	100
52) Ethylbenzene	9.575	91	726054	52.819	ug/L	100
53) m,p-Xylene	9.700	106	283226	52.212	ug/L	97
54) o-Xylene	10.108	106	289185	52.919	ug/L	98
55) Styrene	10.124	104	489558	52.587	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.793	83	352040	47.266	ug/L	99
59) Bromoform	10.308	173	163179	46.795	ug/L	100
60) 1,2,3-Trichloropropane	10.835	75	273025	48.708	ug/L	100
61) Isopropylbenzene	10.491	105	725176	53.977	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	399223	56.380	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	634955	58.324	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	384663	51.070	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	381163	49.570	ug/L	100
67) 1,2-Dichlorobenzene	12.218	146	400434	50.467	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	71435	47.738	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	301268	53.828	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	250844	56.731	ug/L	99
71) Naphthalene	14.089	128	778912	61.555	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	259473	57.260	ug/L	99

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

