

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
 Data File : VU048464.D
 Acq On : 06 May 2022 18:53
 Operator : SY/MD
 Sample : N2638-11MEMSD
 Misc : 4.88g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL04MEMSD

Quant Time: May 07 04:10:57 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	6.250	114	400909	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	394547	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	175551	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	138064	39.987	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.980%
7) Chloroethane-d5	1.887	69	93642	41.557	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.120%
11) 1,1-Dichloroethene-d2	2.562	63	250764	40.809	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.620%
21) 2-Butanone-d5	4.623	46	247530	84.181	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.180%
24) Chloroform-d	5.063	84	241062	40.196	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.700	65	157157	40.314	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.620%
32) Benzene-d6	5.726	84	477977	39.866	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.740%
36) 1,2-Dichloropropane-d6	6.690	67	156188	39.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.900%
41) Toluene-d8	7.896	98	422766	39.870	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.740%#
43) trans-1,3-Dichloroprop...	8.179	79	71746	39.870	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.740%
47) 2-Hexanone-d5	8.636	63	177245	93.664	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	260608	43.760	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.520%
66) 1,2-Dichlorobenzene-d4	12.195	152	132730	38.183	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.360%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	161489	44.529	ug/L	100
3) Chloromethane	1.520	50	192592	46.428	ug/L	100
5) Vinyl chloride	1.604	62	183833	46.649	ug/L	99
6) Bromomethane	1.832	94	83252	42.719	ug/L	98
8) Chloroethane	1.912	64	97536	46.035	ug/L	98
9) Trichlorofluoromethane	2.125	101	229177	44.262	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	126947	42.726	ug/L	99
12) 1,1-Dichloroethene	2.575	96	127075	45.235	ug/L	93
13) Acetone	2.626	43	182574	82.357	ug/L	99
14) Carbon disulfide	2.787	76	392156	45.038	ug/L	100
15) Methyl Acetate	2.944	43	216360	47.641	ug/L	98
16) Methylene chloride	3.044	84	163320	47.541	ug/L	96
17) trans-1,2-Dichloroethene	3.350	96	134516	44.882	ug/L	95
18) Methyl tert-butyl Ether	3.362	73	474992	47.061	ug/L	100
19) 1,1-Dichloroethane	3.867	63	284513	46.038	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	157564	46.588	ug/L	100
22) 2-Butanone	4.700	43	309390	93.362	ug/L	98
23) Bromochloromethane	4.973	128	81984	45.998	ug/L	94
25) Chloroform	5.089	83	280386	45.946	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	229414	45.724	ug/L	98
29) Cyclohexane	5.388	56	242483	44.537	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	244560	44.634	ug/L	99
31) Carbon tetrachloride	5.523	117	208494	44.438	ug/L	100
33) Benzene	5.774	78	616844	45.407	ug/L	100
34) Trichloroethene	6.542	95	149047	44.635	ug/L	98
35) Methylcyclohexane	6.761	83	229214	43.022	ug/L	99
37) 1,2-Dichloropropane	6.790	63	174758	46.092	ug/L	99
38) Bromodichloromethane	7.105	83	207604	44.969	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	245359	45.496	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	612801	100.872	ug/L	100
42) Toluene	7.970	91	639447	45.608	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	242053	46.186	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	160502	46.810	ug/L	98
46) Tetrachloroethene	8.552	164	110284	43.963	ug/L	97
48) 2-Hexanone	8.687	43	510229	101.061	ug/L	99
49) Dibromochloromethane	8.809	129	169453	46.019	ug/L	97
50) 1,2-Dibromoethane	8.925	107	166012	45.803	ug/L	96
51) Chlorobenzene	9.446	112	405150	45.862	ug/L	98
52) Ethylbenzene	9.571	91	678099	46.428	ug/L	100
53) m,p-Xylene	9.693	106	266340	47.244	ug/L	99
54) o-Xylene	10.102	106	272702	48.080	ug/L	100
55) Styrene	10.115	104	458102	49.676	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	323945	50.408	ug/L	99
59) Bromoform	10.291	173	137474	55.217	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	261638	57.095	ug/L	99
61) Isopropylbenzene	10.484	105	671127	54.557	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	315028	46.457	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	489686	48.489	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	250742	43.219	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	255913	43.996	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	271399	45.712	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	57116	42.525	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	176780	43.095	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	154508	43.372	ug/L	99
71) Naphthalene	14.085	128	664513	48.438	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	191413	50.520	ug/L	99

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

