

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101124\
 Data File : VV037830.D
 Acq On : 11 Oct 2024 14:49
 Operator : SY/MD
 Sample : P4346-09MEMSD
 Misc : 3.52G/5.0mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOAW9MEMSD

Quant Time: Oct 14 06:18:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 14 06:04:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt
 10/14/2024
 Supervised By :Mahesh
 Dadoda
 10/14/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	676057	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	659408	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	364572	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	195919	33.012	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.020%		
7) Chloroethane-d5	1.503	69	78068	16.947	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	33.900%#		
11) 1,1-Dichloroethene-d2	2.043	65	92776	37.418	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.840%		
21) 2-Butanone-d5	3.805	46	196930m	93.163	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.160%		
24) Chloroform-d	4.239	84	442277	41.888	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.780%		
26) 1,2-Dichloroethane-d4	4.934	65	262301	42.442	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.880%		
32) Benzene-d6	4.947	84	852414	41.311	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.620%		
36) 1,2-Dichloropropane-d6	5.982	67	307959	46.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.740%		
41) Toluene-d8	7.236	98	786436	42.032	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.060%		
43) trans-1,3-Dichloroprop...	7.548	79	127015	41.613	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.220%		
47) 2-Hexanone-d5	8.030	63	140652	101.376	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.380%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	343487	44.992	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.980%		
66) 1,2-Dichlorobenzene-d4	11.554	152	325455	42.364	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.720%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	235655	40.946	ug/L	99
3) Chloromethane	1.217	50	247183	44.239	ug/L	100
5) Vinyl chloride	1.281	62	249086	41.582	ug/L	100
6) Bromomethane	1.465	94	81593	24.544	ug/L	99
8) Chloroethane	1.519	64	76163	20.629	ug/L	98
9) Trichlorofluoromethane	1.687	101	361454	44.828	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	217215	45.081	ug/L	99
12) 1,1-Dichloroethene	2.053	96	195255	43.382	ug/L	89
13) Acetone	2.121	43	155138m	74.866	ug/L	
14) Carbon disulfide	2.224	76	530519	37.762	ug/L	100
15) Methyl Acetate	2.371	43	165844	45.861	ug/L	100
16) Methylene chloride	2.436	84	223252	43.808	ug/L	100
17) trans-1,2-Dichloroethene	2.680	96	205235	43.103	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	659626	48.286	ug/L	99
19) 1,1-Dichloroethane	3.095	63	402840	44.157	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	244203	45.831	ug/L	97
22) 2-Butanone	3.886	43	221181m	96.435	ug/L	
23) Bromochloromethane	4.133	128	123189	44.695	ug/L	98
25) Chloroform	4.265	83	436075	46.168	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	305085	45.753	ug/L	100
29) Cyclohexane	4.564	56	317981	42.472	ug/L	100
30) 1,1,1-Trichloroethane	4.497	97	365202	44.967	ug/L	99
31) Carbon tetrachloride	4.719	117	312355	44.237	ug/L	99
33) Benzene	4.998	78	901413	45.327	ug/L	100
34) Trichloroethene	5.825	95	239150	45.156	ug/L	98
35) Methylcyclohexane	6.037	83	354474	43.507	ug/L	100
37) 1,2-Dichloropropane	6.085	63	238868	46.514	ug/L	100
38) Bromodichloromethane	6.426	83	322020	46.908	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	376620	45.943	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	432840	103.519	ug/L	98
42) Toluene	7.307	91	964922	46.803	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	350257	47.459	ug/L	100
45) 1,1,2-Trichloroethane	7.763	97	236067	47.874	ug/L	99
46) Tetrachloroethene	7.895	164	180208	44.504	ug/L	98
48) 2-Hexanone	8.082	43	305283	93.896	ug/L	99
49) Dibromochloromethane	8.172	129	246116	47.159	ug/L	99
50) 1,2-Dibromoethane	8.278	107	234514	46.009	ug/L	99
51) Chlorobenzene	8.808	112	642551	45.746	ug/L	99
52) Ethylbenzene	8.940	91	1072552	46.216	ug/L	100
53) m,p-Xylene	9.066	106	416296	48.199	ug/L	98
54) o-Xylene	9.471	106	401287	47.590	ug/L	96
55) Styrene	9.490	104	725858	49.448	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	336743	48.982	ug/L	99
59) Bromoform	9.661	173	167751	47.078	ug/L	97
60) Isopropylbenzene	9.860	105	1081932	45.647	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	250415	48.271	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	877845	46.845	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	891293	47.803	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	534996	46.894	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	553953	46.630	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	533527	47.306	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	59371	47.146	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	374038	47.675	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	348703	47.905	ug/L	100
71) Naphthalene	13.432	128	959621	50.459	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	343262	47.753	ug/L	98

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

