

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101124\
 Data File : VV037829.D
 Acq On : 11 Oct 2024 14:27
 Operator : SY/MD
 Sample : P4346-08MEMS
 Misc : 3.39G/5.0mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOAW9MEMS

Manual Integrations
 APPROVED

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

Quant Time: Oct 14 06:18:21 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	726867	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	711945	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	402525	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	192174	30.118	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	60.240%		
7) Chloroethane-d5	1.503	69	74563	15.055	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	30.100%#		
11) 1,1-Dichloroethene-d2	2.040	65	89240	33.476	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.960%		
21) 2-Butanone-d5	3.805	46	196326m	86.385	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.380%		
24) Chloroform-d	4.239	84	434442	38.270	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.540%		
26) 1,2-Dichloroethane-d4	4.934	65	255411	38.438	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.880%		
32) Benzene-d6	4.947	84	833554	37.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	74.840%		
36) 1,2-Dichloropropane-d6	5.982	67	300274	42.328	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.660%		
41) Toluene-d8	7.233	98	775083	38.368	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.740%#		
43) trans-1,3-Dichloroprop...	7.548	79	126622	38.423	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.840%		
47) 2-Hexanone-d5	8.030	63	141965	94.772	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.770%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	339294	41.163	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.320%		
66) 1,2-Dichlorobenzene-d4	11.554	152	326435	38.486	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.980%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	239727	38.741	ug/L	99
3) Chloromethane	1.217	50	248291	41.331	ug/L	99
5) Vinyl chloride	1.281	62	248624	38.604	ug/L	99
6) Bromomethane	1.465	94	76028	21.272	ug/L	97
8) Chloroethane	1.516	64	65973	16.620	ug/L	98
9) Trichlorofluoromethane	1.683	101	361527	41.702	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	219230	42.319	ug/L	99
12) 1,1-Dichloroethene	2.053	96	193242	39.933	ug/L	82
13) Acetone	2.121	43	162218m	72.811	ug/L	
14) Carbon disulfide	2.224	76	523376	34.649	ug/L	100
15) Methyl Acetate	2.375	43	164254	42.246	ug/L	98
16) Methylene chloride	2.436	84	221661	40.455	ug/L	98
17) trans-1,2-Dichloroethene	2.677	96	201691	39.398	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	657288	44.752	ug/L	100
19) 1,1-Dichloroethane	3.095	63	404985	41.289	ug/L	99
20) cis-1,2-Dichloroethene	3.799	96	235439	41.097	ug/L	97
22) 2-Butanone	3.889	43	218111m	88.449	ug/L	
23) Bromochloromethane	4.133	128	125237	42.261	ug/L	99
25) Chloroform	4.265	83	435454	42.880	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	312870	43.641	ug/L	100
29) Cyclohexane	4.561	56	322546	39.902	ug/L	99
30) 1,1,1-Trichloroethane	4.497	97	366691	41.819	ug/L	99
31) Carbon tetrachloride	4.719	117	312415	40.981	ug/L	99
33) Benzene	4.998	78	907179	42.250	ug/L	100
34) Trichloroethene	5.821	95	240333	42.030	ug/L	99
35) Methylcyclohexane	6.037	83	365190	41.515	ug/L	99
37) 1,2-Dichloropropane	6.085	63	232212	41.881	ug/L	98
38) Bromodichloromethane	6.426	83	316816	42.744	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	378317	42.745	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	443504	98.242	ug/L	99
42) Toluene	7.307	91	962185	43.226	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	347066	43.556	ug/L	97
45) 1,1,2-Trichloroethane	7.763	97	236668	44.454	ug/L	99
46) Tetrachloroethene	7.899	164	179010	40.946	ug/L	97
48) 2-Hexanone	8.079	43	309931	88.291	ug/L	99
49) Dibromochloromethane	8.172	129	245491	43.568	ug/L	100
50) 1,2-Dibromoethane	8.278	107	236737	43.017	ug/L	99
51) Chlorobenzene	8.808	112	649252	42.812	ug/L	99
52) Ethylbenzene	8.940	91	1066028	42.545	ug/L	100
53) m,p-Xylene	9.066	106	407001	43.646	ug/L	99
54) o-Xylene	9.471	106	395547	43.447	ug/L	97
55) Styrene	9.490	104	728750	45.982	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	339607	45.753	ug/L	99
59) Bromoform	9.661	173	167261	42.515	ug/L	99
60) Isopropylbenzene	9.860	105	1084862	41.455	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	253403	44.241	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	875790	42.329	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	882063	42.848	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	536415	42.585	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	553539	42.202	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	536289	43.068	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	60217	43.310	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	371103	42.841	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	346395	43.101	ug/L	100
71) Naphthalene	13.432	128	905086	43.104	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	337391	42.511	ug/L	99

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

