

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029467.D
 Acq On : 08 Dec 2022 13:05
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022

Quant Time: Dec 09 02:00:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	501437	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	467199	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	247966	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	111699	36.377	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	72.760%	
7) Chloroethane-d5	1.561	69	94905	40.533	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	81.060%	
11) 1,1-Dichloroethene-d2	2.105	63	146850	30.662	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	61.320%	
21) 2-Butanone-d5	3.870	46	198524	105.985	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	105.980%	
24) Chloroform-d	4.343	84	250798	43.404	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.800%	
26) 1,2-Dichloroethane-d4	5.024	65	153184	46.417	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.840%	
32) Benzene-d6	5.043	84	528585	42.818	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.640%	
36) 1,2-Dichloropropane-d6	6.063	67	169184	44.867	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	89.740%	
41) Toluene-d8	7.310	98	484910	41.689	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	83.380%	
43) trans-1,3-Dichloroprop...	7.612	79	79427	41.713	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	83.420%	
47) 2-Hexanone-d5	8.082	63	163802	101.726	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	101.730%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	248197	46.061	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.120%	
66) 1,2-Dichlorobenzene-d4	11.612	152	208273	44.123	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	88.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	9059	2.294	ug/L	96
3) Chloromethane	1.240	50	10447	2.320	ug/L	99
5) Vinyl chloride	1.307	62	9549	2.534	ug/L #	75
6) Bromomethane	1.516	94	4539	2.994	ug/L	98
8) Chloroethane	1.581	64	5582	2.661	ug/L	98
9) Trichlorofluoromethane	1.751	101	11355	2.407	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	7773	2.966	ug/L	85
12) 1,1-Dichloroethene	2.114	96	7829	2.921	ug/L #	1
13) Acetone	2.159	43	8230	6.744	ug/L	100
14) Carbon disulfide	2.291	76	21351	2.394	ug/L	99
15) Methyl Acetate	2.429	43	6966	2.506	ug/L #	75
16) Methylene chloride	2.503	84	9708	2.913	ug/L	94
17) trans-1,2-Dichloroethene	2.761	96	7561	2.448	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	23781	2.513	ug/L	98
19) 1,1-Dichloroethane	3.185	63	13469	2.546	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	8627	2.540	ug/L	83
22) 2-Butanone	3.986	43	12929m	6.659	ug/L	
23) Bromochloromethane	4.246	128	4333	2.478	ug/L	94
25) Chloroform	4.371	83	13994	2.551	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	9683	2.499	ug/L #	92
29) Cyclohexane	4.667	56	11594	2.291	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	12425	2.441	ug/L	97
31) Carbon tetrachloride	4.822	117	10088	2.270	ug/L	97
33) Benzene	5.098	78	30029	2.280	ug/L	100
34) Trichloroethene	5.912	95	7966	2.414	ug/L	97
35) Methylcyclohexane	6.127	83	13331	2.379	ug/L	98
37) 1,2-Dichloropropane	6.172	63	7402	2.329	ug/L #	96
38) Bromodichloromethane	6.506	83	9908	2.258	ug/L	88
39) cis-1,3-Dichloropropene	7.027	75	10593	2.026	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	18216	4.807	ug/L	99
42) Toluene	7.384	91	33449	2.360	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	11223	2.267	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	7800	2.375	ug/L	95
46) Tetrachloroethene	7.969	164	6742	2.541	ug/L	94
48) 2-Hexanone	8.143	43	15175	5.241	ug/L #	90
49) Dibromochloromethane	8.239	129	8331	2.298	ug/L	94
50) 1,2-Dibromoethane	8.349	107	8033	2.375	ug/L #	99
51) Chlorobenzene	8.873	112	22454	2.502	ug/L	99
52) Ethylbenzene	9.005	91	34233	2.297	ug/L	98
53) m,p-Xylene	9.133	106	13252	2.247	ug/L	98
54) o-Xylene	9.535	106	12980	2.225	ug/L	95
55) Styrene	9.555	104	22281	2.198	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.233	83	13298	2.532	ug/L #	92
59) Bromoform	9.722	173	6147	2.244	ug/L	97
60) Isopropylbenzene	9.924	105	33771	2.320	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	10319	2.696	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	28794	2.237	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	27959	2.191	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	17028	2.392	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	18386	2.541	ug/L	94
67) 1,2-Dichlorobenzene	11.632	146	18777	2.580	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	2834	2.382	ug/L	87
69) 1,3,5-Trichlorobenzene	12.635	180	13392	2.364	ug/L	98
70) 1,2,4-trichlorobenzene	13.252	180	12034	2.389	ug/L	98
71) Naphthalene	13.496	128	23643	2.069	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	11262	2.283	ug/L	97

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

