

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112223\
 Data File : VW033058.D
 Acq On : 22 Nov 2023 14:34
 Operator : SY/MD
 Sample : 05438-08MSDME
 Misc : 5.09G/5mL/100uL/5.00ML/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY1G7MSDME

Quant Time: Nov 23 05:52:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 22 03:48:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	335125	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	333613	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	209202	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	69869	39.875	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.760%
7) Chloroethane-d5	1.507	69	58084	43.102	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.040	65	24511	34.187	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.380%
21) 2-Butanone-d5	3.796	46	101556	91.096	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.100%
24) Chloroform-d	4.249	84	188732	43.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.420%
26) 1,2-Dichloroethane-d4	4.941	65	121283	45.025	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.060%
32) Benzene-d6	4.953	84	321867	41.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.860%
36) 1,2-Dichloropropane-d6	5.989	67	95476	43.338	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.680%
41) Toluene-d8	7.243	98	299046	40.323	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.640%
43) trans-1,3-Dichloroprop...	7.555	79	57822	44.958	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.920%
47) 2-Hexanone-d5	8.037	63	89295	97.950	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.950%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	156279	46.602	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	165772	44.436	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	151947	41.968	ug/L	100
3) Chloromethane	1.214	50	115359	42.694	ug/L	100
5) Vinyl chloride	1.282	62	109754	43.789	ug/L	99
6) Bromomethane	1.465	94	83265	50.273	ug/L	98
8) Chloroethane	1.519	64	60698	43.783	ug/L	100
9) Trichlorofluoromethane	1.677	101	173099	42.658	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	81512	40.739	ug/L	94
12) 1,1-Dichloroethene	2.050	96	76020	41.149	ug/L	94
13) Acetone	2.121	43	75371	69.098	ug/L	100
14) Carbon disulfide	2.220	76	244903	39.859	ug/L	98
15) Methyl Acetate	2.375	43	83455	43.642	ug/L	100
16) Methylene chloride	2.439	84	107842	41.203	ug/L	97
17) trans-1,2-Dichloroethene	2.683	96	103593	43.815	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	343865	46.364	ug/L	99
19) 1,1-Dichloroethane	3.105	63	178754	42.325	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	119646	45.134	ug/L	98
22) 2-Butanone	3.876	43	112215	79.453	ug/L	97
23) Bromochloromethane	4.143	128	65382	44.842	ug/L	96
25) Chloroform	4.275	83	209492	44.071	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	171120	46.145	ug/L	95
29) Cyclohexane	4.574	56	142826	44.373	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	200031	45.906	ug/L	99
31) Carbon tetrachloride	4.728	117	182097	44.845	ug/L	100
33) Benzene	5.005	78	422873	45.571	ug/L	100
34) Trichloroethene	5.831	95	120113	45.922	ug/L	96
35) Methylcyclohexane	6.047	83	170986	44.977	ug/L	99
37) 1,2-Dichloropropane	6.092	63	101826	44.706	ug/L	100
38) Bromodichloromethane	6.436	83	161201	45.551	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	189602	48.353	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	226079	90.744	ug/L	97
42) Toluene	7.317	91	477744	46.464	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	188917	47.946	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	117626	45.857	ug/L	98
46) Tetrachloroethene	7.905	164	105135	46.125	ug/L	96
48) 2-Hexanone	8.088	43	178059	90.339	ug/L	99
49) Dibromochloromethane	8.178	129	138375	46.806	ug/L	98
50) 1,2-Dibromoethane	8.284	107	122854	45.731	ug/L	97
51) Chlorobenzene	8.815	112	331473	45.430	ug/L	99
52) Ethylbenzene	8.947	91	551176	46.696	ug/L	99
53) m,p-Xylene	9.075	106	223208	48.131	ug/L	99
54) o-Xylene	9.481	106	212944	47.702	ug/L	95
55) Styrene	9.500	104	389960	48.970	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	169565	46.795	ug/L	97
59) Bromoform	9.670	173	117675	48.266	ug/L	100
60) Isopropylbenzene	9.870	105	591774	46.661	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	131618	43.612	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	486131	47.776	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	510530	47.894	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	315480	46.431	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	330829	45.806	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	311022	45.618	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	39230	44.683	ug/L	97
69) 1,3,5-Trichlorobenzene	12.587	180	245120	46.402	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	227884	47.073	ug/L	98
71) Naphthalene	13.442	128	589264	49.213	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	223744	47.669	ug/L	99

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

