

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042523\
 Data File : VW030850.D
 Acq On : 25 Apr 2023 20:27
 Operator : SY/MD
 Sample : 02418-11MEMSD
 Misc : 3.58g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MSD

Quant Time: Apr 26 01:33:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	242559	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	234827	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	140663	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	72764	40.921	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.840%
7) Chloroethane-d5	1.536	69	64918	43.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.140%
11) 1,1-Dichloroethene-d2	2.066	65	36511	43.298	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.600%
21) 2-Butanone-d5	3.799	46	109328	111.940	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.940%
24) Chloroform-d	4.259	84	158373	49.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.300%
26) 1,2-Dichloroethane-d4	4.950	65	109749	52.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.940%
32) Benzene-d6	4.969	84	284253	51.199	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	5.998	67	83282	48.291	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.580%
41) Toluene-d8	7.249	98	273321	52.433	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.860%
43) trans-1,3-Dichloroprop...	7.558	79	47136	54.228	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.460%
47) 2-Hexanone-d5	8.034	63	67919	99.972	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.970%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	129509	51.753	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.500%
66) 1,2-Dichlorobenzene-d4	11.567	152	115369	51.601	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	89397	42.867	ug/L	99
3) Chloromethane	1.217	50	106204	38.822	ug/L	100
5) Vinyl chloride	1.288	62	95665	43.375	ug/L	98
6) Bromomethane	1.490	94	46236	52.868	ug/L	97
8) Chloroethane	1.552	64	63869	42.221	ug/L	99
9) Trichlorofluoromethane	1.719	101	166979	46.713	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	85118	45.310	ug/L	97
12) 1,1-Dichloroethene	2.076	96	77946	45.893	ug/L	96
13) Acetone	2.124	43	114707	75.900	ug/L	98
14) Carbon disulfide	2.249	76	192111	40.046	ug/L	99
15) Methyl Acetate	2.378	43	99764	49.466	ug/L	99
16) Methylene chloride	2.455	84	88409	45.487	ug/L	95
17) trans-1,2-Dichloroethene	2.703	96	76614	44.683	ug/L	95
18) Methyl tert-butyl Ether	2.712	73	281773	51.306	ug/L	97
19) 1,1-Dichloroethane	3.121	63	161702	46.256	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	89182	47.815	ug/L	99
22) 2-Butanone	3.876	43	139680	89.436	ug/L	96
23) Bromochloromethane	4.159	128	50638	48.610	ug/L	95
25) Chloroform	4.285	83	175982	48.637	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	153269	50.041	ug/L	98
29) Cyclohexane	4.593	56	126591	44.922	ug/L	98
30) 1,1,1-Trichloroethane	4.523	97	161946	49.079	ug/L	100
31) Carbon tetrachloride	4.744	117	142429	48.279	ug/L	97
33) Benzene	5.018	78	342731	48.063	ug/L	100
34) Trichloroethene	5.841	95	86909	46.855	ug/L	96
35) Methylcyclohexane	6.059	83	132097	45.451	ug/L	99
37) 1,2-Dichloropropane	6.101	63	90564	47.185	ug/L	99
38) Bromodichloromethane	6.439	83	131384	48.730	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	140624	48.816	ug/L	98
40) 4-Methyl-2-pentanone	7.165	43	281359	104.942	ug/L	99
42) Toluene	7.323	91	382088	50.025	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	142115	50.214	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	94950	49.335	ug/L	97
46) Tetrachloroethene	7.911	164	79536	48.989	ug/L	99
48) 2-Hexanone	8.082	43	224236	101.362	ug/L	97
49) Dibromochloromethane	8.185	129	101391	47.761	ug/L	97
50) 1,2-Dibromoethane	8.288	107	96596	48.439	ug/L	95
51) Chlorobenzene	8.821	112	250258	49.473	ug/L	99
52) Ethylbenzene	8.953	91	420130	49.686	ug/L	100
53) m,p-Xylene	9.079	106	163147	51.080	ug/L	96
54) o-Xylene	9.487	106	156948	50.230	ug/L	99
55) Styrene	9.503	104	287443	52.371	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	153004	48.421	ug/L	98
59) Bromoform	9.670	173	84592	48.033	ug/L	98
60) Isopropylbenzene	9.873	105	436035	49.705	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	120496	47.828	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	356630	49.376	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	355092	49.239	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	222180	50.587	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	226993	49.012	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	222318	50.175	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	35734	47.874	ug/L	99
69) 1,3,5-Trichlorobenzene	12.590	180	167316	50.430	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	146139	51.878	ug/L	98
71) Naphthalene	13.448	128	429533	55.741	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	151954	54.399	ug/L	99

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

