

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042523\
 Data File : VW030849.D
 Acq On : 25 Apr 2023 20:03
 Operator : SY/MD
 Sample : 02418-10MEMS
 Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MS

Quant Time: Apr 26 01:32:52 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	231792	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	228678	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	139461	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	70086	41.246	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.500%
7) Chloroethane-d5	1.536	69	57959	40.703	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.063	65	35182	43.660	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.320%
21) 2-Butanone-d5	3.793	46	97251	104.200	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.200%
24) Chloroform-d	4.259	84	153236	49.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.520%
26) 1,2-Dichloroethane-d4	4.950	65	104369	52.717	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.440%
32) Benzene-d6	4.969	84	270915	50.108	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.220%
36) 1,2-Dichloropropane-d6	5.998	67	80597	47.991	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.980%
41) Toluene-d8	7.249	98	268100	52.814	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.620%
43) trans-1,3-Dichloroprop...	7.558	79	42762	50.518	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.040%
47) 2-Hexanone-d5	8.030	63	64246	97.108	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.110%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	125614	51.546	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.100%
66) 1,2-Dichlorobenzene-d4	11.567	152	116211	52.426	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	86874	43.592	ug/L	99
3) Chloromethane	1.217	50	101994	39.015	ug/L	97
5) Vinyl chloride	1.288	62	92320	43.803	ug/L	97
6) Bromomethane	1.487	94	41746	49.951	ug/L	95
8) Chloroethane	1.552	64	58091	40.185	ug/L	99
9) Trichlorofluoromethane	1.716	101	167232	48.957	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	84251	46.931	ug/L	99
12) 1,1-Dichloroethene	2.076	96	76195	46.946	ug/L	94
13) Acetone	2.117	43	108878	75.390	ug/L	99
14) Carbon disulfide	2.246	76	185902	40.552	ug/L	98
15) Methyl Acetate	2.378	43	93237	48.377	ug/L	99
16) Methylene chloride	2.455	84	85748	46.167	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	73455	44.831	ug/L	98
18) Methyl tert-butyl Ether	2.712	73	264865	50.468	ug/L	97
19) 1,1-Dichloroethane	3.121	63	151246	45.275	ug/L	97
20) cis-1,2-Dichloroethene	3.825	96	85029	47.706	ug/L	100
22) 2-Butanone	3.873	43	127731	85.584	ug/L	100
23) Bromochloromethane	4.156	128	48539	48.760	ug/L	95
25) Chloroform	4.288	83	168253	48.661	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	148698	50.804	ug/L	99
29) Cyclohexane	4.593	56	123415	44.972	ug/L	99
30) 1,1,1-Trichloroethane	4.523	97	156865	48.818	ug/L	100
31) Carbon tetrachloride	4.744	117	138540	48.223	ug/L	98
33) Benzene	5.018	78	336062	48.395	ug/L	100
34) Trichloroethene	5.841	95	85505	47.338	ug/L	98
35) Methylcyclohexane	6.059	83	131827	46.578	ug/L	98
37) 1,2-Dichloropropane	6.101	63	87597	46.867	ug/L	99
38) Bromodichloromethane	6.439	83	125012	47.613	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	133038	47.425	ug/L	97
40) 4-Methyl-2-pentanone	7.166	43	258378	98.961	ug/L	99
42) Toluene	7.323	91	369749	49.711	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	136593	49.561	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	90269	48.164	ug/L	100
46) Tetrachloroethene	7.911	164	76707	48.517	ug/L	99
48) 2-Hexanone	8.082	43	209439	97.219	ug/L	98
49) Dibromochloromethane	8.185	129	97466	47.147	ug/L	99
50) 1,2-Dibromoethane	8.288	107	92377	47.569	ug/L	99
51) Chlorobenzene	8.821	112	240826	48.888	ug/L	99
52) Ethylbenzene	8.953	91	407095	49.439	ug/L	99
53) m,p-Xylene	9.079	106	159858	51.397	ug/L	100
54) o-Xylene	9.484	106	154477	50.769	ug/L	96
55) Styrene	9.503	104	281029	52.579	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	145693	47.347	ug/L	99
59) Bromoform	9.670	173	78917	45.197	ug/L	99
60) Isopropylbenzene	9.873	105	421391	48.449	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	114948	46.019	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	343451	47.961	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	342461	47.897	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	215905	49.582	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	223268	48.623	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	218225	49.676	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	34079	46.051	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	161947	49.233	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	142913	51.170	ug/L	100
71) Naphthalene	13.448	128	380279	49.775	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	144755	52.269	ug/L	99

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

