

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042723\
 Data File : VW030907.D
 Acq On : 27 Apr 2023 17:37
 Operator : SY/MD
 Sample : 02447-18MEMS
 Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW937MEMS

Quant Time: Apr 28 00:53:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 27 04:45:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	246674	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	243076	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	152498	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	75112	41.537	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.080%
7) Chloroethane-d5	1.535	69	59668	39.375	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.760%
11) 1,1-Dichloroethene-d2	2.066	65	36369	42.410	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.820%
21) 2-Butanone-d5	3.796	46	95171	95.820	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.820%
24) Chloroform-d	4.259	84	149741	45.693	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.380%
26) 1,2-Dichloroethane-d4	4.950	65	102845	48.813	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.620%
32) Benzene-d6	4.969	84	265824	46.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.500%
36) 1,2-Dichloropropane-d6	5.998	67	78557	44.005	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.020%
41) Toluene-d8	7.249	98	264622	49.041	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.080%
43) trans-1,3-Dichloroprop...	7.558	79	43868	48.755	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.520%
47) 2-Hexanone-d5	8.030	63	66452	94.493	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.490%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	121185	46.783	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.560%
66) 1,2-Dichlorobenzene-d4	11.567	152	114739	47.337	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	90836	42.830	ug/L	99
3) Chloromethane	1.217	50	92258	33.162	ug/L	99
5) Vinyl chloride	1.288	62	83704	37.319	ug/L	100
6) Bromomethane	1.487	94	39910	44.874	ug/L	98
8) Chloroethane	1.552	64	52175	33.915	ug/L	99
9) Trichlorofluoromethane	1.719	101	158367	43.565	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	78964	41.333	ug/L	95
12) 1,1-Dichloroethene	2.076	96	69974	40.512	ug/L	99
13) Acetone	2.117	43	125551	81.690	ug/L	99
14) Carbon disulfide	2.249	76	148386	30.416	ug/L	99
15) Methyl Acetate	2.378	43	84803	41.347	ug/L	96
16) Methylene chloride	2.455	84	76725	38.817	ug/L	98
17) trans-1,2-Dichloroethene	2.703	96	66304	38.025	ug/L	95
18) Methyl tert-butyl Ether	2.712	73	251834	45.090	ug/L	97
19) 1,1-Dichloroethane	3.121	63	140131	39.417	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	78259	41.259	ug/L	97
22) 2-Butanone	3.873	43	126692	79.767	ug/L	98
23) Bromochloromethane	4.159	128	45154	42.623	ug/L	93
25) Chloroform	4.288	83	157461	42.792	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	140366	45.064	ug/L	99
29) Cyclohexane	4.593	56	101111	34.662	ug/L	95
30) 1,1,1-Trichloroethane	4.523	97	147212	43.100	ug/L	99
31) Carbon tetrachloride	4.744	117	131721	43.134	ug/L	98
33) Benzene	5.018	78	302888	41.034	ug/L	100
34) Trichloroethene	5.841	95	77511	40.371	ug/L	96
35) Methylcyclohexane	6.059	83	113262	37.648	ug/L	97
37) 1,2-Dichloropropane	6.101	63	79766	40.149	ug/L	99
38) Bromodichloromethane	6.439	83	118805	42.569	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	118080	39.599	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	244400	88.063	ug/L	99
42) Toluene	7.323	91	339048	42.883	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	129407	44.173	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	84898	42.615	ug/L	100
46) Tetrachloroethene	7.911	164	69685	41.465	ug/L	98
48) 2-Hexanone	8.082	43	200384	87.507	ug/L	97
49) Dibromochloromethane	8.185	129	93689	42.635	ug/L	99
50) 1,2-Dibromoethane	8.291	107	85126	41.239	ug/L	100
51) Chlorobenzene	8.821	112	225639	43.092	ug/L	99
52) Ethylbenzene	8.953	91	376829	43.053	ug/L	99
53) m,p-Xylene	9.082	106	145331	43.958	ug/L	100
54) o-Xylene	9.487	106	143719	44.435	ug/L	95
55) Styrene	9.503	104	261800	46.080	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	138572	42.365	ug/L	99
59) Bromoform	9.673	173	77607	40.647	ug/L	99
60) Isopropylbenzene	9.876	105	397361	41.781	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	109192	39.978	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	324671	41.462	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	328619	42.031	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	205861	43.234	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	214662	42.753	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	209649	43.644	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	32144	39.722	ug/L	97
69) 1,3,5-Trichlorobenzene	12.590	180	156501	43.510	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	137391	44.987	ug/L	99
71) Naphthalene	13.448	128	361937	43.324	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	139796	46.163	ug/L	99

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

