

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071023\
 Data File : VW031665.D
 Acq On : 10 Jul 2023 14:31
 Operator : SY/MD
 Sample : 03551-05MS
 Misc : 7.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCHB3MS

Quant Time: Jul 11 01:08:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 07 02:34:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	178137	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	184909	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	125197	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38040	32.086	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.180%
7) Chloroethane-d5	1.510	69	17857	17.262	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	34.520%#
11) 1,1-Dichloroethene-d2	2.040	65	17218	28.179	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.360%#
21) 2-Butanone-d5	3.809	46	90817	94.603	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.600%
24) Chloroform-d	4.256	84	112810	37.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.980%
26) 1,2-Dichloroethane-d4	4.947	65	71742	38.619	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.240%
32) Benzene-d6	4.963	84	163663	31.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.880%#
36) 1,2-Dichloropropane-d6	5.995	67	62810	34.048	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	68.100%#
41) Toluene-d8	7.249	98	150072	31.421	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.840%#
43) trans-1,3-Dichloroprop...	7.561	79	31284	34.787	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.580%
47) 2-Hexanone-d5	8.053	63	62335	85.582	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.580%
56) 1,1,2,2-Tetrachloroeth...	10.165	84	112228	40.305	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.620%
66) 1,2-Dichlorobenzene-d4	11.571	152	75482	31.629	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	63.260%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	76656	40.569	ug/L	100
3) Chloromethane	1.214	50	82925	46.510	ug/L	96
5) Vinyl chloride	1.282	62	82719	46.801	ug/L	100
6) Bromomethane	1.471	94	29110	25.270	ug/L	95
8) Chloroethane	1.526	64	24908	21.819	ug/L	95
9) Trichlorofluoromethane	1.674	101	130035	44.223	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	67432	42.793	ug/L	96
12) 1,1-Dichloroethene	2.053	96	56116	42.574	ug/L #	81
13) Acetone	2.127	43	178526	188.464	ug/L	97
14) Carbon disulfide	2.224	76	166146	41.671	ug/L	100
15) Methyl Acetate	2.378	43	84421	52.933	ug/L	99
16) Methylene chloride	2.442	84	74003	44.782	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	58936	42.836	ug/L	95
18) Methyl tert-butyl Ether	2.716	73	216767	47.217	ug/L	98
19) 1,1-Dichloroethane	3.108	63	138182	46.534	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	67078	45.113	ug/L	96
22) 2-Butanone	3.889	43	120247	101.614	ug/L	87
23) Bromochloromethane	4.150	128	37762	46.983	ug/L	96
25) Chloroform	4.281	83	147816	47.885	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	117792	49.442	ug/L	99
29) Cyclohexane	4.580	56	99979	41.559	ug/L	97
30) 1,1,1-Trichloroethane	4.513	97	130169	43.907	ug/L	98
31) Carbon tetrachloride	4.735	117	115576	43.999	ug/L	98
33) Benzene	5.011	78	279380	45.381	ug/L	100
34) Trichloroethene	5.834	95	76588	46.556	ug/L	97
35) Methylcyclohexane	6.053	83	99901	41.215	ug/L	97
37) 1,2-Dichloropropane	6.098	63	82164	45.450	ug/L	100
38) Bromodichloromethane	6.439	83	112137	45.892	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	120665	44.966	ug/L	99
40) 4-Methyl-2-pentanone	7.172	43	229108	107.932	ug/L	96
42) Toluene	7.320	91	294919	46.203	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	123248	47.162	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	80918	47.384	ug/L	96
46) Tetrachloroethene	7.908	164	54721	42.382	ug/L	97
48) 2-Hexanone	8.101	43	193562	114.175	ug/L #	46
49) Dibromochloromethane	8.185	129	90395	47.627	ug/L	98
50) 1,2-Dibromoethane	8.288	107	84445	46.440	ug/L	98
51) Chlorobenzene	8.821	112	188554	44.601	ug/L	99
52) Ethylbenzene	8.953	91	321627	45.157	ug/L	98
53) m,p-Xylene	9.079	106	120624	46.246	ug/L	98
54) o-Xylene	9.487	106	111543	45.064	ug/L	97
55) Styrene	9.506	104	225471	51.005	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.191	83	127881	45.831	ug/L	98
59) Bromoform	9.677	173	74511	48.013	ug/L #	96
60) Isopropylbenzene	9.876	105	322342	40.386	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	108923	44.048	ug/L	98
62) 1,3,5-Trimethylbenzene	10.487	105	264534	40.101	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	250581	40.768	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	165858	41.448	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	180638	42.362	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	169302	41.919	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	30844	42.025	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	118281	38.792	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	102049	38.182	ug/L	99
71) Naphthalene	13.445	128	262166	38.726	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	106742	38.433	ug/L	96

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

