

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112223\
 Data File : VW033057.D
 Acq On : 22 Nov 2023 14:10
 Operator : SY/MD
 Sample : 05438-07MSME
 Misc : 4.99G/5mL/100uL/5.00ML/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY1G7MSME

Quant Time: Nov 23 05:51:59 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	328362	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	331656	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	206925	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	67485	39.308	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.620%
7) Chloroethane-d5	1.506	69	57892	43.844	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.680%
11) 1,1-Dichloroethene-d2	2.040	65	25176	35.838	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.680%
21) 2-Butanone-d5	3.796	46	104023	95.231	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.230%
24) Chloroform-d	4.249	84	187897	44.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.820%
26) 1,2-Dichloroethane-d4	4.940	65	117179	44.398	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.800%
32) Benzene-d6	4.953	84	320773	41.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.060%
36) 1,2-Dichloropropane-d6	5.989	67	93585	42.731	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.460%
41) Toluene-d8	7.243	98	296226	40.178	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.360%
43) trans-1,3-Dichloroprop...	7.554	79	57608	45.056	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.120%
47) 2-Hexanone-d5	8.037	63	91127	100.549	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.550%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	157977	47.387	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.780%
66) 1,2-Dichlorobenzene-d4	11.564	152	163552	44.323	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	147846	41.676	ug/L	99
3) Chloromethane	1.214	50	110784	41.846	ug/L	98
5) Vinyl chloride	1.281	62	103290	42.058	ug/L	98
6) Bromomethane	1.465	94	79775	49.158	ug/L	100
8) Chloroethane	1.523	64	59111	43.517	ug/L	95
9) Trichlorofluoromethane	1.674	101	171772	43.203	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.047	101	78875	40.233	ug/L	94
12) 1,1-Dichloroethene	2.050	96	72985	40.320	ug/L	89
13) Acetone	2.124	43	77543	72.554	ug/L	100
14) Carbon disulfide	2.220	76	234945	39.025	ug/L	99
15) Methyl Acetate	2.375	43	83738	44.692	ug/L	99
16) Methylene chloride	2.439	84	101982	39.766	ug/L	98
17) trans-1,2-Dichloroethene	2.683	96	96168	41.513	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	331522	45.621	ug/L	100
19) 1,1-Dichloroethane	3.104	63	170758	41.264	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	112333	43.248	ug/L	98
22) 2-Butanone	3.876	43	113028	81.676	ug/L	99
23) Bromochloromethane	4.140	128	61772	43.238	ug/L	97
25) Chloroform	4.272	83	205088	44.033	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	167307	46.046	ug/L	97
29) Cyclohexane	4.574	56	141254	44.144	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	194717	44.950	ug/L	99
31) Carbon tetrachloride	4.728	117	179806	44.542	ug/L	100
33) Benzene	5.005	78	407291	44.150	ug/L	100
34) Trichloroethene	5.828	95	114099	43.880	ug/L	99
35) Methylcyclohexane	6.046	83	174104	46.067	ug/L	97
37) 1,2-Dichloropropane	6.091	63	95552	42.199	ug/L	100
38) Bromodichloromethane	6.436	83	155295	44.141	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	175880	45.118	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	226283	91.362	ug/L	95
42) Toluene	7.313	91	468093	45.794	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	183031	46.726	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	113936	44.680	ug/L	98
46) Tetrachloroethene	7.905	164	100956	44.553	ug/L	99
48) 2-Hexanone	8.088	43	176569	90.112	ug/L #	91
49) Dibromochloromethane	8.178	129	136827	46.555	ug/L	98
50) 1,2-Dibromoethane	8.284	107	120752	45.213	ug/L	97
51) Chlorobenzene	8.815	112	323628	44.617	ug/L	100
52) Ethylbenzene	8.947	91	538619	45.901	ug/L	100
53) m,p-Xylene	9.075	106	212392	46.069	ug/L	98
54) o-Xylene	9.480	106	211124	47.573	ug/L	99
55) Styrene	9.500	104	378385	47.797	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	167635	46.535	ug/L	99
59) Bromoform	9.670	173	116194	48.183	ug/L	99
60) Isopropylbenzene	9.869	105	576466	45.954	ug/L	100
61) 1,2,3-Trichloropropane	10.213	75	130767	43.807	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	471793	46.877	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	495277	46.974	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	308013	45.831	ug/L	99
65) 1,4-Dichlorobenzene	11.213	146	318149	44.535	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	304374	45.134	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	38285	44.087	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	236883	45.336	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	216065	45.122	ug/L	99
71) Naphthalene	13.442	128	551623	46.576	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	214738	46.254	ug/L	99

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

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