

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062923\
 Data File : VW031624.D
 Acq On : 29 Jun 2023 16:33
 Operator : SY/MD
 Sample : 03422-14MSDME
 Misc : 7.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A46K7MSD

Quant Time: Jun 30 04:29:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 30 04:25:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	235215	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	236273	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	142837	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	75795	48.418	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.840%		
7) Chloroethane-d5	1.532	69	68691	50.290	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.580%		
11) 1,1-Dichloroethene-d2	2.060	65	38225	47.379	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.760%		
21) 2-Butanone-d5	3.793	46	139745	110.246	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.250%		
24) Chloroform-d	4.256	84	176970	45.140	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.280%		
26) 1,2-Dichloroethane-d4	4.947	65	110828	45.182	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.360%		
32) Benzene-d6	4.966	84	286615	43.096	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.200%		
36) 1,2-Dichloropropane-d6	5.995	67	105526	44.768	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.540%		
41) Toluene-d8	7.249	98	260814	42.736	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.480%		
43) trans-1,3-Dichloroprop...	7.558	79	49277	42.883	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.760%		
47) 2-Hexanone-d5	8.030	63	100325m	107.797	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.800%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	171174	48.111	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.220%		
66) 1,2-Dichlorobenzene-d4	11.567	152	111161	40.827	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.660%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	116016	46.501	ug/L	100
3) Chloromethane	1.217	50	124319	52.806	ug/L	100
5) Vinyl chloride	1.285	62	119592	51.244	ug/L	99
6) Bromomethane	1.484	94	72694	47.791	ug/L	96
8) Chloroethane	1.548	64	76522	50.767	ug/L	94
9) Trichlorofluoromethane	1.716	101	185588	47.800	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	103010	49.508	ug/L	97
12) 1,1-Dichloroethene	2.073	96	86963	49.967	ug/L	94
13) Acetone	2.114	43	113451	90.704	ug/L	96
14) Carbon disulfide	2.243	76	244901	46.519	ug/L	100
15) Methyl Acetate	2.375	43	123221	58.513	ug/L	99
16) Methylene chloride	2.452	84	103217	47.304	ug/L	95
17) trans-1,2-Dichloroethene	2.700	96	84828	46.693	ug/L	94
18) Methyl tert-butyl Ether	2.709	73	308689	50.923	ug/L	99
19) 1,1-Dichloroethane	3.117	63	199051	50.766	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	96859	49.335	ug/L	97
22) 2-Butanone	3.873	43	158423	101.388	ug/L	98
23) Bromochloromethane	4.153	128	52402	49.377	ug/L	93
25) Chloroform	4.281	83	197735	48.512	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	163335	51.922	ug/L	99
29) Cyclohexane	4.590	56	146717	47.729	ug/L	97
30) 1,1,1-Trichloroethane	4.519	97	177172	46.770	ug/L	98
31) Carbon tetrachloride	4.741	117	152353	45.391	ug/L	98
33) Benzene	5.018	78	386492	49.132	ug/L	100
34) Trichloroethene	5.838	95	99458	47.315	ug/L	99
35) Methylcyclohexane	6.056	83	141030	45.534	ug/L	97
37) 1,2-Dichloropropane	6.098	63	113397	49.091	ug/L	100
38) Bromodichloromethane	6.439	83	150808	48.301	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	172864	50.414	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	326494	120.373	ug/L	97
42) Toluene	7.320	91	409668	50.228	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	170823	51.157	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	108811	49.865	ug/L	100
46) Tetrachloroethene	7.912	164	73408	44.495	ug/L	98
48) 2-Hexanone	8.082	43	250065	115.437	ug/L	95
49) Dibromochloromethane	8.182	129	116109	47.876	ug/L	100
50) 1,2-Dibromoethane	8.288	107	115450	49.689	ug/L	99
51) Chlorobenzene	8.818	112	257367	47.644	ug/L	99
52) Ethylbenzene	8.953	91	440745	48.429	ug/L	100
53) m,p-Xylene	9.079	106	160948	48.291	ug/L	95
54) o-Xylene	9.484	106	154129	48.732	ug/L	99
55) Styrene	9.500	104	291942	51.684	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	186402	52.281	ug/L	97
59) Bromoform	9.670	173	89852	50.748	ug/L #	99
60) Isopropylbenzene	9.873	105	432075	47.448	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	144669	51.279	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	347839	46.217	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	328134	46.792	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	213385	46.739	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	222147	45.663	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	213707	46.379	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	43969	52.510	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	157508	45.277	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	141959	46.556	ug/L	99
71) Naphthalene	13.445	128	424394	54.948	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	156283	49.321	ug/L	97

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

