

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062923\
 Data File : VW031623.D
 Acq On : 29 Jun 2023 16:10
 Operator : SY/MD
 Sample : 03422-13MSME
 Misc : 5.29g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A46K7MS

Quant Time: Jun 30 04:28:38 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	236189	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	237542	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	146139	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	78444	49.904	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.800%
7) Chloroethane-d5	1.532	69	72827	53.098	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.200%
11) 1,1-Dichloroethene-d2	2.063	65	38610	47.659	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.320%
21) 2-Butanone-d5	3.793	46	134052	105.319	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.320%
24) Chloroform-d	4.256	84	179552	45.609	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.220%
26) 1,2-Dichloroethane-d4	4.947	65	112033	45.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.960%
32) Benzene-d6	4.966	84	293406	43.882	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.760%
36) 1,2-Dichloropropane-d6	5.995	67	107085	45.187	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.380%
41) Toluene-d8	7.249	98	266274	43.397	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.558	79	49301	42.675	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.340%
47) 2-Hexanone-d5	8.030	63	95626	102.199	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.200%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	171064	47.823	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.640%
66) 1,2-Dichlorobenzene-d4	11.567	152	113715	40.822	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	119357	47.642	ug/L	99
3) Chloromethane	1.217	50	128268	54.259	ug/L	100
5) Vinyl chloride	1.285	62	124797	53.254	ug/L	99
6) Bromomethane	1.487	94	77177	50.529	ug/L	85
8) Chloroethane	1.548	64	78760	52.036	ug/L	96
9) Trichlorofluoromethane	1.716	101	189174	48.523	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	105346	50.421	ug/L	95
12) 1,1-Dichloroethene	2.072	96	89989	51.492	ug/L	95
13) Acetone	2.114	43	119905	95.468	ug/L	95
14) Carbon disulfide	2.243	76	248069	46.926	ug/L	99
15) Methyl Acetate	2.375	43	121699	57.552	ug/L	97
16) Methylene chloride	2.452	84	104830	47.845	ug/L	95
17) trans-1,2-Dichloroethene	2.699	96	87444	47.935	ug/L	96
18) Methyl tert-butyl Ether	2.709	73	301581	49.546	ug/L	98
19) 1,1-Dichloroethane	3.117	63	202612	51.461	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	94341	47.854	ug/L	99
22) 2-Butanone	3.873	43	157734	100.531	ug/L	95
23) Bromochloromethane	4.153	128	52418	49.189	ug/L	91
25) Chloroform	4.281	83	202489	49.474	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	161929	51.262	ug/L	99
29) Cyclohexane	4.593	56	147111	47.601	ug/L	95
30) 1,1,1-Trichloroethane	4.519	97	179814	47.214	ug/L	98
31) Carbon tetrachloride	4.741	117	155169	45.983	ug/L	99
33) Benzene	5.018	78	389298	49.224	ug/L	100
34) Trichloroethene	5.838	95	100348	47.483	ug/L	89
35) Methylcyclohexane	6.056	83	141739	45.519	ug/L	95
37) 1,2-Dichloropropane	6.098	63	118795	51.153	ug/L	100
38) Bromodichloromethane	6.439	83	154042	49.073	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	170046	49.327	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	319009	116.986	ug/L	96
42) Toluene	7.320	91	414978	50.607	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	172767	51.462	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	111835	50.977	ug/L	98
46) Tetrachloroethene	7.912	164	76626	46.198	ug/L	97
48) 2-Hexanone	8.082	43	249484	114.554	ug/L	93
49) Dibromochloromethane	8.182	129	116730	47.875	ug/L	98
50) 1,2-Dibromoethane	8.288	107	115036	49.246	ug/L	99
51) Chlorobenzene	8.818	112	259924	47.861	ug/L	99
52) Ethylbenzene	8.953	91	443026	48.419	ug/L	99
53) m,p-Xylene	9.079	106	164729	49.162	ug/L	100
54) o-Xylene	9.484	106	153989	48.427	ug/L	99
55) Styrene	9.500	104	295778	52.084	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	185641	51.789	ug/L	97
59) Bromoform	9.670	173	89141	49.209	ug/L #	99
60) Isopropylbenzene	9.873	105	431523	46.317	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	146182	50.644	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	345273	44.839	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	323556	45.097	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	213537	45.716	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	224186	45.041	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	218841	46.420	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	43564	50.851	ug/L	93
69) 1,3,5-Trichlorobenzene	12.590	180	157035	44.122	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	139801	44.812	ug/L	98
71) Naphthalene	13.445	128	394030	49.864	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	149743	46.190	ug/L	94

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

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