

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW053123\
 Data File : VW031310.D
 Acq On : 31 May 2023 20:39
 Operator : SY/MD
 Sample : 02961-12MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 02:02:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 01 01:56:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

06/02/2023

Supervised By :Mahesh
 Dadoda
 06/02/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	260777	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.792	117	263785	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	146992	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	82166	36.868	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	73.740%	
7) Chloroethane-d5	1.532	69	77989	45.425	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	90.840%	
11) 1,1-Dichloroethene-d2	2.063	65	40036	38.309	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	76.620%	
21) 2-Butanone-d5	3.796	46	152408	128.340	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	128.340%	
24) Chloroform-d	4.259	84	178609	45.301	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	90.600%	
26) 1,2-Dichloroethane-d4	4.950	65	121102	45.455	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	90.920%	
32) Benzene-d6	4.969	84	319056	44.617	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	89.240%	
36) 1,2-Dichloropropane-d6	5.995	67	115932	54.183	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	108.360%	
41) Toluene-d8	7.249	98	297604	44.590	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	89.180%	
43) trans-1,3-Dichloroprop...	7.558	79	52659	49.054	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	98.100%	
47) 2-Hexanone-d5	8.034	63	97658	117.062	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	117.060%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	169424	52.794	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	105.580%	
66) 1,2-Dichlorobenzene-d4	11.567	152	113032	42.792	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	85.580%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	71088	42.225	ug/L	98
3) Chloromethane	1.217	50	79329	43.040	ug/L	98
5) Vinyl chloride	1.285	62	84287	51.199	ug/L	99
6) Bromomethane	1.487	94	51709	56.046	ug/L	96
8) Chloroethane	1.552	64	59937	56.500	ug/L	98
9) Trichlorofluoromethane	1.716	101	142740	44.083	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	83601	48.959	ug/L	94
12) 1,1-Dichloroethene	2.072	96	66019	45.575	ug/L	95
13) Acetone	2.121	43	137805	89.260	ug/L	92
14) Carbon disulfide	2.246	76	127677	48.367	ug/L	98
15) Methyl Acetate	2.378	43	115013	65.548	ug/L	94
16) Methylene chloride	2.452	84	86190	53.446	ug/L	92
17) trans-1,2-Dichloroethene	2.699	96	63163	47.161	ug/L	89
18) Methyl tert-butyl Ether	2.712	73	277413	53.619	ug/L	94
19) 1,1-Dichloroethane	3.117	63	173044	56.694	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	81706	49.488	ug/L	91
22) 2-Butanone	3.879	43	167981	113.463	ug/L	96
23) Bromochloromethane	4.156	128	44327	48.857	ug/L	# 81
25) Chloroform	4.285	83	186744	54.769	ug/L	96

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27) 1,2-Dichloroethane	5.050	62	139472	48.211	ug/L	98
29) Cyclohexane	4.590	56	105164	50.664	ug/L #	84
30) 1,1,1-Trichloroethane	4.519	97	149882	46.304	ug/L	98
31) Carbon tetrachloride	4.744	117	129685	45.989	ug/L	97
33) Benzene	5.018	78	324709	51.382	ug/L	100
34) Trichloroethene	5.841	95	88019	51.981	ug/L	91
35) Methylcyclohexane	6.059	83	107608	47.891	ug/L	89
37) 1,2-Dichloropropane	6.098	63	112948m	64.936	ug/L	
38) Bromodichloromethane	6.439	83	142337	52.789	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	145989	54.430	ug/L	98
40) 4-Methyl-2-pentanone	7.165	43	333891	124.747	ug/L #	97
42) Toluene	7.323	91	348646	50.992	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	148268	54.645	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	102063	53.773	ug/L	98
46) Tetrachloroethene	7.911	164	59427	40.871	ug/L	95
48) 2-Hexanone	8.082	43	261619	117.355	ug/L	97
49) Dibromochloromethane	8.185	129	104540	48.816	ug/L	99
50) 1,2-Dibromoethane	8.288	107	102648	54.395	ug/L #	98
51) Chlorobenzene	8.821	112	226539	46.551	ug/L	93
52) Ethylbenzene	8.953	91	382866	48.909	ug/L	97
53) m,p-Xylene	9.079	106	136868	45.073	ug/L	89
54) o-Xylene	9.487	106	134453	44.883	ug/L	88
55) Styrene	9.503	104	255244	48.177	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.185	83	165757	53.151	ug/L #	97
59) Bromoform	9.673	173	77330	45.371	ug/L	98
60) Isopropylbenzene	9.873	105	381953	48.586	ug/L	97
61) 1,2,3-Trichloropropane	10.217	75	138080	61.062	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	305894	47.338	ug/L	92
63) 1,2,4-Trimethylbenzene	10.860	105	312018	49.383	ug/L	94
64) 1,3-Dichlorobenzene	11.124	146	185235	45.986	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	193702	46.224	ug/L	96
67) 1,2-Dichlorobenzene	11.586	146	190288	46.557	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.374	75	37784	54.432	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.590	180	130444	41.891	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	111343	42.016	ug/L	97
71) Naphthalene	13.448	128	330582	48.026	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	123729	46.724	ug/L	98

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

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