

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051923\
 Data File : VW031124.D
 Acq On : 19 May 2023 22:14
 Operator : SY/MD
 Sample : 02866-18MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX91MSD

Quant Time: May 20 00:39:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 00:29:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	196260	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	189667	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	102830	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	73576	43.866	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.740%
7) Chloroethane-d5	1.529	69	69455	53.753	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.500%
11) 1,1-Dichloroethene-d2	2.063	65	35001	44.500	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.000%
21) 2-Butanone-d5	3.796	46	103327	115.613	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.610%
24) Chloroform-d	4.259	84	139155	46.897	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	4.950	65	97736	48.744	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.480%
32) Benzene-d6	4.969	84	246979	48.034	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.060%
36) 1,2-Dichloropropane-d6	5.995	67	71121	46.229	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.460%
41) Toluene-d8	7.249	98	226276	47.152	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.300%
43) trans-1,3-Dichloroprop...	7.558	79	36899	47.806	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.620%
47) 2-Hexanone-d5	8.034	63	60765	101.303	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.300%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	111873	48.483	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.960%
66) 1,2-Dichlorobenzene-d4	11.567	152	91863	49.713	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	58128	45.877	ug/L	95
3) Chloromethane	1.217	50	74438	53.663	ug/L	99
5) Vinyl chloride	1.288	62	64172	51.794	ug/L	99
6) Bromomethane	1.487	94	45574	65.635	ug/L	97
8) Chloroethane	1.548	64	40595	50.847	ug/L	100
9) Trichlorofluoromethane	1.716	101	118757	48.732	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	60959	47.435	ug/L	97
12) 1,1-Dichloroethene	2.072	96	66508	61.006	ug/L	98
13) Acetone	2.121	43	92430	79.551	ug/L	99
14) Carbon disulfide	2.246	76	101546	51.113	ug/L	100
15) Methyl Acetate	2.378	43	70668	53.515	ug/L	96
16) Methylene chloride	2.455	84	58161	47.921	ug/L	97
17) trans-1,2-Dichloroethene	2.699	96	58138	57.679	ug/L	95
18) Methyl tert-butyl Ether	2.709	73	205732	52.836	ug/L	99
19) 1,1-Dichloroethane	3.117	63	115382	50.229	ug/L	100
20) cis-1,2-Dichloroethene	3.818	96	543075	437.060	ug/L	96
22) 2-Butanone	3.879	43	111639	100.195	ug/L	98
23) Bromochloromethane	4.153	128	35198	51.548	ug/L	97
25) Chloroform	4.285	83	132032	51.453	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	114215	52.459	ug/L	100
29) Cyclohexane	4.590	56	75890	50.848	ug/L	97
30) 1,1,1-Trichloroethane	4.523	97	118542	50.933	ug/L	99
31) Carbon tetrachloride	4.744	117	102918	50.759	ug/L	98
33) Benzene	5.018	78	239501	52.708	ug/L	100
34) Trichloroethene	5.841	95	4739257	3892.551	ug/L	97
35) Methylcyclohexane	6.056	83	78614	48.660	ug/L	99
37) 1,2-Dichloropropane	6.101	63	61114	48.866	ug/L	99
38) Bromodichloromethane	6.439	83	95314	49.164	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	97719	50.671	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	213628	111.005	ug/L	99
42) Toluene	7.320	91	255647	52.001	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	101095	51.819	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	69568	50.976	ug/L	98
46) Tetrachloroethene	7.911	164	54238	51.880	ug/L	95
48) 2-Hexanone	8.082	43	169318	105.632	ug/L	99
49) Dibromochloromethane	8.182	129	78337	50.875	ug/L	95
50) 1,2-Dibromoethane	8.288	107	68953	50.818	ug/L	99
51) Chlorobenzene	8.821	112	170666	48.775	ug/L	97
52) Ethylbenzene	8.953	91	275123	48.879	ug/L	98
53) m,p-Xylene	9.079	106	105377	48.263	ug/L	97
54) o-Xylene	9.484	106	104299	48.423	ug/L	98
55) Styrene	9.503	104	193269	50.735	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.185	83	116521	51.964	ug/L	99
59) Bromoform	9.670	173	65590	55.009	ug/L	99
60) Isopropylbenzene	9.873	105	282157	51.306	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	93791	59.289	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	228281	50.499	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	221181	50.041	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	144986	51.452	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	146256	49.890	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	148563	51.959	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	24735	50.937	ug/L	94
69) 1,3,5-Trichlorobenzene	12.590	180	92971	42.680	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	80489	43.418	ug/L	99
71) Naphthalene	13.445	128	201477	41.841	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	79619	42.979	ug/L	99

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

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