

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072623\
 Data File : VW031773.D
 Acq On : 26 Jul 2023 16:47
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050393

Quant Time: Jul 27 05:22:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 27 05:18:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	328886	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	356829	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	216605	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	141032	42.064	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.120%
7) Chloroethane-d5	1.529	69	135053	43.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.900%
11) 1,1-Dichloroethene-d2	2.060	65	64777	41.739	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.480%
21) 2-Butanone-d5	3.789	46	212316	91.516	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.520%
24) Chloroform-d	4.256	84	320357	46.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.940%
26) 1,2-Dichloroethane-d4	4.947	65	199678	46.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.120%
32) Benzene-d6	4.966	84	512243	45.334	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.660%
36) 1,2-Dichloropropane-d6	5.995	67	193082	45.491	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.980%
41) Toluene-d8	7.249	98	453953	47.931	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.860%
43) trans-1,3-Dichloroprop...	7.558	79	85556	46.896	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.800%
47) 2-Hexanone-d5	8.030	63	165610	104.049	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.050%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	290000	49.589	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.180%
66) 1,2-Dichlorobenzene-d4	11.567	152	193448	44.110	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	196662	48.384	ug/L	100
3) Chloromethane	1.217	50	194490	50.310	ug/L	99
5) Vinyl chloride	1.282	62	201619	51.487	ug/L	99
6) Bromomethane	1.481	94	136816	50.690	ug/L	99
8) Chloroethane	1.545	64	129844	49.680	ug/L	99
9) Trichlorofluoromethane	1.712	101	330353	50.043	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	187013	49.042	ug/L	96
12) 1,1-Dichloroethene	2.069	96	154983	48.901	ug/L	92
13) Acetone	2.114	43	236639	106.563	ug/L	97
14) Carbon disulfide	2.240	76	361249	46.369	ug/L	98
15) Methyl Acetate	2.375	43	196749	50.879	ug/L	96
16) Methylene chloride	2.449	84	184211	51.735	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	133554	47.371	ug/L	95
18) Methyl tert-butyl Ether	2.709	73	458965	49.485	ug/L	98
19) 1,1-Dichloroethane	3.114	63	314898	48.250	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	158593	49.811	ug/L	98
22) 2-Butanone	3.870	43	276019	109.281	ug/L	98
23) Bromochloromethane	4.153	128	87396	49.574	ug/L	94
25) Chloroform	4.281	83	343751	49.724	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	260416	50.650	ug/L	99
29) Cyclohexane	4.590	56	203496	46.316	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	293454	47.875	ug/L	97
31) Carbon tetrachloride	4.741	117	246870	46.127	ug/L	100
33) Benzene	5.015	78	631844	50.343	ug/L	100
34) Trichloroethene	5.838	95	180589	45.597	ug/L	97
35) Methylcyclohexane	6.056	83	205084	46.553	ug/L	97
37) 1,2-Dichloropropane	6.098	63	186779	50.097	ug/L	99
38) Bromodichloromethane	6.439	83	259152	48.727	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	242544	45.824	ug/L	99
40) 4-Methyl-2-pentanone	7.166	43	529423	111.493	ug/L	96
42) Toluene	7.320	91	680042	52.757	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	263936	49.968	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	188116	50.003	ug/L	97
46) Tetrachloroethene	7.911	164	122108	48.795	ug/L	98
48) 2-Hexanone	8.079	43	441358	116.527	ug/L	97
49) Dibromochloromethane	8.182	129	197628	49.781	ug/L	95
50) 1,2-Dibromoethane	8.288	107	198962	50.200	ug/L	98
51) Chlorobenzene	8.818	112	416057	48.307	ug/L	100
52) Ethylbenzene	8.953	91	701124	50.192	ug/L	99
53) m,p-Xylene	9.079	106	258063	51.229	ug/L	92
54) o-Xylene	9.484	106	248023	51.372	ug/L	94
55) Styrene	9.503	104	481976	54.650	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.185	83	273664	52.459	ug/L	94
59) Bromoform	9.670	173	145282	48.919	ug/L #	95
60) Isopropylbenzene	9.873	105	686268	50.766	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	248251	48.862	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	536144	49.018	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	548492	49.536	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	346863	49.086	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	365506	48.657	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	355483	48.858	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	70110	49.614	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	257560	49.974	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	214683	46.560	ug/L	100
71) Naphthalene	13.445	128	662729	49.862	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	241090	50.020	ug/L	99

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

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