

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071023\
 Data File : VW031656.D
 Acq On : 10 Jul 2023 09:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050386

Quant Time: Jul 10 11:35:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 07 02:34:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	163739	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	169561	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	116034	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	70637	64.820	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 129.640%	
7) Chloroethane-d5	1.532	69	53472	56.237	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 112.480%	
11) 1,1-Dichloroethene-d2	2.063	65	32593	58.033	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 116.060%	
21) 2-Butanone-d5	3.796	46	81812	92.716	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 92.720%	
24) Chloroform-d	4.259	84	138481	50.741	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.480%	
26) 1,2-Dichloroethane-d4	4.947	65	88360	51.747	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.500%	
32) Benzene-d6	4.966	84	232839	48.785	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 97.560%	
36) 1,2-Dichloropropane-d6	5.995	67	80020	47.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 94.600%	
41) Toluene-d8	7.249	98	224616	51.285	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 102.560%	
43) trans-1,3-Dichloroprop...	7.558	79	36937	44.791	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 89.580%	
47) 2-Hexanone-d5	8.030	63	53450	80.026	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 80.030%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	112616	44.105	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 88.220%	
66) 1,2-Dichlorobenzene-d4	11.567	152	90623	40.972	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 81.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	79377	45.703	ug/L	98
3) Chloromethane	1.217	50	81429	49.686	ug/L	99
5) Vinyl chloride	1.285	62	81673	50.273	ug/L	99
6) Bromomethane	1.490	94	47623	44.976	ug/L	99
8) Chloroethane	1.552	64	46365	44.187	ug/L	94
9) Trichlorofluoromethane	1.716	101	129388	47.872	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	75878	52.387	ug/L	96
12) 1,1-Dichloroethene	2.072	96	60307	49.777	ug/L	90
13) Acetone	2.121	43	81625	93.746	ug/L	97
14) Carbon disulfide	2.246	76	171269	46.734	ug/L	99
15) Methyl Acetate	2.378	43	80035	54.596	ug/L	96
16) Methylene chloride	2.452	84	69104	45.495	ug/L	97
17) trans-1,2-Dichloroethene	2.699	96	58547	46.295	ug/L	92
18) Methyl tert-butyl Ether	2.709	73	200239	47.452	ug/L	96
19) 1,1-Dichloroethane	3.117	63	132429	48.518	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	64497	47.192	ug/L	99
22) 2-Butanone	3.876	43	108603	99.845	ug/L	96
23) Bromochloromethane	4.156	128	35265	47.735	ug/L	93
25) Chloroform	4.285	83	142864	50.350	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	115384	52.690	ug/L	99
29) Cyclohexane	4.593	56	98199	44.514	ug/L	95
30) 1,1,1-Trichloroethane	4.519	97	131653	48.427	ug/L	99
31) Carbon tetrachloride	4.744	117	117352	48.719	ug/L	99
33) Benzene	5.018	78	268647	47.588	ug/L	100
34) Trichloroethene	5.838	95	72005	47.732	ug/L	98
35) Methylcyclohexane	6.059	83	97710	43.959	ug/L	94
37) 1,2-Dichloropropane	6.098	63	80221	48.392	ug/L	99
38) Bromodichloromethane	6.439	83	111266	49.657	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	106065	43.103	ug/L	98
40) 4-Methyl-2-pentanone	7.165	43	217787	111.886	ug/L	96
42) Toluene	7.320	91	288690	49.321	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	115695	48.279	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	76988	49.163	ug/L	97
46) Tetrachloroethene	7.911	164	53350	45.060	ug/L	95
48) 2-Hexanone	8.082	43	175302	112.764	ug/L	92
49) Dibromochloromethane	8.181	129	85393	49.064	ug/L	97
50) 1,2-Dibromoethane	8.288	107	79636	47.760	ug/L	99
51) Chlorobenzene	8.818	112	175993	45.398	ug/L	99
52) Ethylbenzene	8.953	91	307219	47.038	ug/L	98
53) m,p-Xylene	9.079	106	114875	48.028	ug/L	98
54) o-Xylene	9.484	106	106032	46.715	ug/L	99
55) Styrene	9.500	104	211049	52.064	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	122981	48.064	ug/L	96
59) Bromoform	9.670	173	67604	47.002	ug/L #	99
60) Isopropylbenzene	9.873	105	299584	40.498	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	100908	44.029	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	243165	39.772	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	230515	40.465	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	162694	43.868	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	174683	44.201	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	164731	44.008	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	32604	47.931	ug/L	89
69) 1,3,5-Trichlorobenzene	12.586	180	130297	46.107	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	106196	42.872	ug/L	99
71) Naphthalene	13.445	128	272668	43.458	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	115609	44.913	ug/L	96

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

