

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061423\
 Data File : VW031514.D
 Acq On : 14 Jun 2023 14:18
 Operator : SY/MD
 Sample : VSTD05035
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050235

Quant Time: Jun 15 00:17:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 15 00:16:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	237134	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	233150	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	141744	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	78596	40.271	ug/L	0.00
7) Chloroethane-d5	1.536	69	71061	46.026	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	65	38909	42.150	ug/L	0.00
21) 2-Butanone-d5	3.796	46	128192	114.445	ug/L	0.00
24) Chloroform-d	4.259	84	196531	53.383	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	124301	50.839	ug/L	0.00
32) Benzene-d6	4.970	84	340326	53.007	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	117946	59.219	ug/L	0.00
41) Toluene-d8	7.249	98	320695	53.785	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	57849	58.261	ug/L	0.00
47) 2-Hexanone-d5	8.031	63	96372	122.896	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	176917	59.128	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	134112	51.632	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.111	85	124735	72.113	ug/L	100
3) Chloromethane	1.217	50	115143	63.565	ug/L	100
5) Vinyl chloride	1.288	62	114456	68.837	ug/L	100
6) Bromomethane	1.491	94	76408	77.124	ug/L	100
8) Chloroethane	1.552	64	72702	67.650	ug/L	100
9) Trichlorofluoromethane	1.719	101	191930	61.235	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	101021	61.177	ug/L	100
12) 1,1-Dichloroethene	2.076	96	87958	62.089	ug/L	100
13) Acetone	2.124	43	125374	90.651	ug/L	100
14) Carbon disulfide	2.249	76	263220	88.141	ug/L	100
15) Methyl Acetate	2.378	43	106582	62.900	ug/L	100
16) Methylene chloride	2.455	84	104018	64.791	ug/L	100
17) trans-1,2-Dichloroethene	2.703	96	91963	68.222	ug/L	100
18) Methyl tert-butyl Ether	2.712	73	306873	61.302	ug/L	100
19) 1,1-Dichloroethane	3.121	63	192852	64.100	ug/L	100
20) cis-1,2-Dichloroethene	3.825	96	100551	62.560	ug/L	100
22) 2-Butanone	3.876	43	152942	110.839	ug/L	100
23) Bromochloromethane	4.156	128	53764	61.246	ug/L	100
25) Chloroform	4.288	83	204854	61.886	ug/L	100
27) 1,2-Dichloroethane	5.047	62	159450	58.327	ug/L	100
29) Cyclohexane	4.593	56	154321	73.823	ug/L	100
30) 1,1,1-Trichloroethane	4.523	97	184066	60.633	ug/L	100
31) Carbon tetrachloride	4.744	117	167409	62.769	ug/L	100
33) Benzene	5.018	78	400343	66.285	ug/L	100
34) Trichloroethene	5.841	95	103288	63.798	ug/L	100
35) Methylcyclohexane	6.060	83	157707	71.106	ug/L	100
37) 1,2-Dichloropropane	6.101	63	115578	68.408	ug/L	100
38) Bromodichloromethane	6.439	83	154128	60.875	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	174015	66.914	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	290105	117.897	ug/L	100
42) Toluene	7.323	91	431191	66.257	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	173820	66.984	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	109833	61.717	ug/L	100
46) Tetrachloroethene	7.912	164	81775	59.974	ug/L	100
48) 2-Hexanone	8.082	43	227784	112.916	ug/L	100
49) Dibromochloromethane	8.182	129	119690	59.737	ug/L	100
50) 1,2-Dibromoethane	8.288	107	117531	64.977	ug/L	100
51) Chlorobenzene	8.818	112	267943	59.174	ug/L	100
52) Ethylbenzene	8.953	91	472014	63.707	ug/L	100
53) m,p-Xylene	9.079	106	175919	61.904	ug/L	100
54) o-Xylene	9.484	106	164895	59.335	ug/L	100
55) Styrene	9.500	104	305556	61.894	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	180837	61.674	ug/L	100
59) Bromoform	9.670	173	90727	53.427	ug/L	100
60) Isopropylbenzene	9.873	105	471085	58.966	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	138857	60.287	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	389931	59.066	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	366430	57.449	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	227592	56.414	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	237513	56.561	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	227492	55.834	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	39919	56.604	ug/L	100
69) 1,3,5-Trichlorobenzene	12.590	180	167177	53.742	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	147150	55.641	ug/L	100
71) Naphthalene	13.445	128	392728	56.824	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	160161	59.732	ug/L	100

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

