

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060823\
 Data File : VW031435.D
 Acq On : 08 Jun 2023 08:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050362

Quant Time: Jun 09 05:05:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 08 05:16:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	262390	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	265527	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	161444	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	97851	42.385	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.780%
7) Chloroethane-d5	1.532	69	83246	44.539	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.080%
11) 1,1-Dichloroethene-d2	2.063	65	48504	44.331	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.660%
21) 2-Butanone-d5	3.796	46	149219	89.438	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.440%
24) Chloroform-d	4.256	84	208426	47.463	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.920%
26) 1,2-Dichloroethane-d4	4.947	65	138872	47.140	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.280%
32) Benzene-d6	4.966	84	362243	46.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.420%
36) 1,2-Dichloropropane-d6	5.992	67	126533	46.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.880%
41) Toluene-d8	7.246	98	352671	48.972	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.940%
43) trans-1,3-Dichloroprop...	7.554	79	58719	42.779	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.560%
47) 2-Hexanone-d5	8.030	63	93199	90.810	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.810%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	161531	46.972	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.940%
66) 1,2-Dichlorobenzene-d4	11.567	152	136629	45.621	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	54072	51.388	ug/L	95
3) Chloromethane	1.217	50	41612	48.732	ug/L	99
5) Vinyl chloride	1.281	62	50318	49.391	ug/L	100
6) Bromomethane	1.487	94	30781	50.270	ug/L	97
8) Chloroethane	1.548	64	41552	50.622	ug/L	97
9) Trichlorofluoromethane	1.715	101	128549	52.276	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	81412	51.195	ug/L	97
12) 1,1-Dichloroethene	2.072	96	53293	50.912	ug/L	90
13) Acetone	2.121	43	107955	72.330	ug/L	97
14) Carbon disulfide	2.243	76	40001	44.674	ug/L	98
15) Methyl Acetate	2.375	43	119227	52.900	ug/L	98
16) Methylene chloride	2.449	84	80382	50.871	ug/L	98
17) trans-1,2-Dichloroethene	2.699	96	51451	51.842	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	307775	50.452	ug/L	99
19) 1,1-Dichloroethane	3.117	63	178884	52.107	ug/L	98
20) cis-1,2-Dichloroethene	3.821	96	82817	51.326	ug/L	96
22) 2-Butanone	3.876	43	166411	90.716	ug/L	98
23) Bromochloromethane	4.153	128	44996	53.030	ug/L	94
25) Chloroform	4.281	83	201626	52.669	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.046	62	151522	54.206	ug/L	99
29) Cyclohexane	4.590	56	67807	47.681	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	165176	52.700	ug/L	98
31) Carbon tetrachloride	4.741	117	132815	51.011	ug/L	98
33) Benzene	5.014	78	309696	52.860	ug/L	100
34) Trichloroethene	5.837	95	97782	52.974	ug/L	99
35) Methylcyclohexane	6.056	83	75413	47.770	ug/L	98
37) 1,2-Dichloropropane	6.098	63	109417	51.885	ug/L	99
38) Bromodichloromethane	6.439	83	157920	51.164	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	152340	48.352	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	367102	107.161	ug/L	98
42) Toluene	7.320	91	360189	54.925	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	162009	50.697	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	116541	53.465	ug/L	99
46) Tetrachloroethene	7.911	164	62554	52.202	ug/L	95
48) 2-Hexanone	8.082	43	289311	107.893	ug/L	97
49) Dibromochloromethane	8.181	129	126642	53.260	ug/L	96
50) 1,2-Dibromoethane	8.287	107	110093	52.463	ug/L	100
51) Chlorobenzene	8.818	112	259413	52.025	ug/L	98
52) Ethylbenzene	8.950	91	431820	52.910	ug/L	100
53) m,p-Xylene	9.078	106	157706	53.621	ug/L	98
54) o-Xylene	9.484	106	158085	53.282	ug/L	96
55) Styrene	9.500	104	308711	57.072	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	170536	51.038	ug/L	97
59) Bromoform	9.670	173	99340	48.022	ug/L	99
60) Isopropylbenzene	9.873	105	469877	50.934	ug/L	100
61) 1,2,3-Trichloropropane	10.213	75	163781	50.114	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	395786	51.948	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	401068	52.591	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	243802	51.631	ug/L	99
65) 1,4-Dichlorobenzene	11.213	146	253229	50.701	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	249599	51.563	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	42441	48.993	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	175306	48.221	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	148655	47.931	ug/L	99
71) Naphthalene	13.445	128	389819	45.858	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	161111	51.825	ug/L	98

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

