

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060723\
 Data File : VW031433.D
 Acq On : 08 Jun 2023 05:28
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050361

Quant Time: Jun 08 06:00:07 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	268698	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	276539	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	162148	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	103529	43.792	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.580%
7) Chloroethane-d5	1.532	69	86329	45.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.063	65	51388	45.864	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.720%
21) 2-Butanone-d5	3.793	46	159042	93.088	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.090%
24) Chloroform-d	4.256	84	215599	47.944	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.880%
26) 1,2-Dichloroethane-d4	4.947	65	143799	47.667	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.340%
32) Benzene-d6	4.966	84	373942	45.801	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	5.992	67	127543	44.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.880%
41) Toluene-d8	7.249	98	355141	47.351	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.700%
43) trans-1,3-Dichloroprop...	7.558	79	61569	43.069	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.140%
47) 2-Hexanone-d5	8.030	63	101143	94.626	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.630%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	165703	46.267	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.540%
66) 1,2-Dichlorobenzene-d4	11.567	152	135181	44.942	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	51602	47.889	ug/L	98
3) Chloromethane	1.217	50	39879	45.606	ug/L	97
5) Vinyl chloride	1.285	62	49898	47.829	ug/L	97
6) Bromomethane	1.487	94	29888	47.665	ug/L	100
8) Chloroethane	1.548	64	40308	47.954	ug/L	99
9) Trichlorofluoromethane	1.715	101	122602	48.687	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	77382	47.518	ug/L	98
12) 1,1-Dichloroethene	2.072	96	51222	47.785	ug/L	93
13) Acetone	2.121	43	110262	72.141	ug/L	97
14) Carbon disulfide	2.243	76	38524	42.015	ug/L	96
15) Methyl Acetate	2.375	43	114530	49.623	ug/L	100
16) Methylene chloride	2.449	84	80860	49.972	ug/L	93
17) trans-1,2-Dichloroethene	2.699	96	48158	47.385	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	298839	47.837	ug/L	99
19) 1,1-Dichloroethane	3.117	63	171522	48.790	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	79265	47.972	ug/L	98
22) 2-Butanone	3.876	43	165051	87.862	ug/L	99
23) Bromochloromethane	4.156	128	43437	49.991	ug/L	91
25) Chloroform	4.281	83	195160	49.783	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	146192	51.071	ug/L	99
29) Cyclohexane	4.590	56	65653	44.328	ug/L	97
30) 1,1,1-Trichloroethane	4.519	97	158035	48.414	ug/L	99
31) Carbon tetrachloride	4.741	117	128449	47.370	ug/L	98
33) Benzene	5.014	78	295714	48.463	ug/L	100
34) Trichloroethene	5.837	95	92451	48.092	ug/L	98
35) Methylcyclohexane	6.056	83	70149	42.666	ug/L	100
37) 1,2-Dichloropropane	6.098	63	105538	48.053	ug/L	100
38) Bromodichloromethane	6.439	83	153408	47.723	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	147025	44.807	ug/L	96
40) 4-Methyl-2-pentanone	7.165	43	353408	99.055	ug/L	100
42) Toluene	7.320	91	346133	50.680	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	155325	46.670	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	111644	49.179	ug/L	99
46) Tetrachloroethene	7.911	164	58240	46.667	ug/L	98
48) 2-Hexanone	8.082	43	284550	101.892	ug/L	97
49) Dibromochloromethane	8.181	129	119383	48.208	ug/L	99
50) 1,2-Dibromoethane	8.288	107	105312	48.186	ug/L	97
51) Chlorobenzene	8.818	112	246809	47.526	ug/L	98
52) Ethylbenzene	8.953	91	405300	47.683	ug/L	99
53) m,p-Xylene	9.079	106	147384	48.116	ug/L	97
54) o-Xylene	9.484	106	149370	48.340	ug/L	100
55) Styrene	9.500	104	293219	52.049	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	168088	48.302	ug/L	100
59) Bromoform	9.670	173	96142	46.274	ug/L	99
60) Isopropylbenzene	9.873	105	440241	47.514	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	157085	47.856	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	362317	47.349	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	371138	48.455	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	221931	46.795	ug/L	99
65) 1,4-Dichlorobenzene	11.213	146	233863	46.620	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	229626	47.231	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	40921	47.033	ug/L	99
69) 1,3,5-Trichlorobenzene	12.590	180	164611	45.083	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	137444	44.124	ug/L	98
71) Naphthalene	13.445	128	354462	41.517	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	146420	46.895	ug/L	98

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

