

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW103123\
 Data File : VW032815.D
 Acq On : 31 Oct 2023 21:41
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050313

Quant Time: Nov 01 05:53:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 01 05:44:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	370608	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	407279	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	225412	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	146129	41.455	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.920%
7) Chloroethane-d5	1.532	69	124817	42.338	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.680%
11) 1,1-Dichloroethene-d2	2.059	65	60859	41.800	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.600%
21) 2-Butanone-d5	3.786	46	141096	92.282	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.280%
24) Chloroform-d	4.252	84	242183	43.044	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.080%
26) 1,2-Dichloroethane-d4	4.944	65	152591	43.636	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.280%
32) Benzene-d6	4.963	84	469044	44.791	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.580%
36) 1,2-Dichloropropane-d6	5.992	67	139958	43.993	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.980%
41) Toluene-d8	7.246	98	487210	47.251	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.500%
43) trans-1,3-Dichloroprop...	7.554	79	77613	46.842	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.680%
47) 2-Hexanone-d5	8.027	63	108938	93.796	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.800%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	213945	44.316	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.640%
66) 1,2-Dichlorobenzene-d4	11.564	152	194190	44.705	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	142070	43.566	ug/L	99
3) Chloromethane	1.217	50	138606	43.935	ug/L	99
5) Vinyl chloride	1.285	62	149678	44.494	ug/L	99
6) Bromomethane	1.484	94	101036	43.044	ug/L	95
8) Chloroethane	1.548	64	101911	45.001	ug/L	97
9) Trichlorofluoromethane	1.715	101	232019	43.280	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	139633	43.047	ug/L	99
12) 1,1-Dichloroethene	2.072	96	122730	44.276	ug/L	83
13) Acetone	2.111	43	121511	47.479	ug/L	96
14) Carbon disulfide	2.243	76	303227	45.826	ug/L	98
15) Methyl Acetate	2.371	43	121855	46.960	ug/L	98
16) Methylene chloride	2.449	84	140100	38.105	ug/L	98
17) trans-1,2-Dichloroethene	2.696	96	119251	45.074	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	389964	49.911	ug/L	99
19) 1,1-Dichloroethane	3.114	63	227364	45.095	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	137579	47.086	ug/L	99
22) 2-Butanone	3.866	43	161175	74.261	ug/L	99
23) Bromochloromethane	4.149	128	75129	46.068	ug/L	97
25) Chloroform	4.278	83	258131	44.920	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	195245	47.145	ug/L	100
29) Cyclohexane	4.587	56	173686	47.451	ug/L #	94
30) 1,1,1-Trichloroethane	4.513	97	220932	45.277	ug/L	100
31) Carbon tetrachloride	4.738	117	192608	44.669	ug/L	100
33) Benzene	5.011	78	515993	47.779	ug/L	100
34) Trichloroethene	5.834	95	137873	45.861	ug/L	98
35) Methylcyclohexane	6.053	83	218418	46.432	ug/L	97
37) 1,2-Dichloropropane	6.095	63	123601	43.116	ug/L	98
38) Bromodichloromethane	6.436	83	205981	45.800	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	215346	50.072	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	353454	104.037	ug/L	99
42) Toluene	7.316	91	616784	50.150	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	221645	50.175	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	155202	47.200	ug/L	97
46) Tetrachloroethene	7.908	164	120279	44.342	ug/L	97
48) 2-Hexanone	8.075	43	258420	84.777	ug/L	97
49) Dibromochloromethane	8.178	129	160826	46.783	ug/L	100
50) 1,2-Dibromoethane	8.284	107	162632	48.548	ug/L	100
51) Chlorobenzene	8.815	112	409794	47.065	ug/L	98
52) Ethylbenzene	8.950	91	676501	49.865	ug/L	100
53) m,p-Xylene	9.075	106	261066	50.561	ug/L	99
54) o-Xylene	9.480	106	252327	50.444	ug/L	97
55) Styrene	9.496	104	453118	51.979	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	222149	45.109	ug/L	99
59) Bromoform	9.667	173	117938	46.666	ug/L	99
60) Isopropylbenzene	9.869	105	695507	50.878	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	173627	46.115	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	552782	51.388	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	544266	52.892	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	342719	48.124	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	355862	47.359	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	344092	47.329	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	44924	45.846	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	244509	47.559	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	223461	50.259	ug/L	99
71) Naphthalene	13.442	128	654161	58.918	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	235230	52.989	ug/L	98

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

