

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081122\
 Data File : VW027283.D
 Acq On : 11 Aug 2022 13:23
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050337

Quant Time: Aug 12 03:42:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 12 03:40:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	277950	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	297609	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	158535	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84197	44.431	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.860%
7) Chloroethane-d5	1.558	69	71535	51.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.280%
11) 1,1-Dichloroethene-d2	2.105	63	161373	46.556	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.120%
21) 2-Butanone-d5	3.873	46	179022	106.132	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.130%
24) Chloroform-d	4.342	84	202524	52.174	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.340%
26) 1,2-Dichloroethane-d4	5.027	65	135491	56.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.440%
32) Benzene-d6	5.043	84	374542	52.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.960%
36) 1,2-Dichloropropane-d6	6.066	67	128341	50.554	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.100%
41) Toluene-d8	7.313	98	337314	55.449	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.900%
43) trans-1,3-Dichloroprop...	7.619	79	58328	52.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.420%
47) 2-Hexanone-d5	8.085	63	125030	102.254	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.250%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	209126	50.548	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.100%
66) 1,2-Dichlorobenzene-d4	11.622	152	128952	47.101	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	94466	38.205	ug/L	99
3) Chloromethane	1.236	50	131702	46.625	ug/L	96
5) Vinyl chloride	1.307	62	111588	39.655	ug/L	99
6) Bromomethane	1.507	94	57522	43.362	ug/L	98
8) Chloroethane	1.574	64	74402	47.461	ug/L	100
9) Trichlorofluoromethane	1.744	101	150025	41.551	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	84384	42.148	ug/L	98
12) 1,1-Dichloroethene	2.111	96	80969	42.042	ug/L	90
13) Acetone	2.156	43	151199	116.248	ug/L	90
14) Carbon disulfide	2.288	76	263213	40.156	ug/L	99
15) Methyl Acetate	2.423	43	175222	59.230	ug/L	# 83
16) Methylene chloride	2.500	84	141998	55.197	ug/L	85
17) trans-1,2-Dichloroethene	2.754	96	105439	49.473	ug/L	88
18) Methyl tert-butyl Ether	2.767	73	390950	61.677	ug/L	# 94
19) 1,1-Dichloroethane	3.182	63	231144	54.026	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	123797	55.916	ug/L	87
22) 2-Butanone	3.953	43	234687	131.613	ug/L	94
23) Bromochloromethane	4.240	128	71451	57.792	ug/L	85
25) Chloroform	4.368	83	242764	56.146	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	194526	57.766	ug/L	95
29) Cyclohexane	4.674	56	131995	38.511	ug/L	89
30) 1,1,1-Trichloroethane	4.603	97	179435	45.488	ug/L	96
31) Carbon tetrachloride	4.822	117	149062	43.525	ug/L	98
33) Benzene	5.095	78	483187	50.523	ug/L	100
34) Trichloroethene	5.908	95	111565	45.559	ug/L	96
35) Methylcyclohexane	6.127	83	142818	39.663	ug/L	91
37) 1,2-Dichloropropane	6.169	63	145311	54.234	ug/L	99
38) Bromodichloromethane	6.506	83	191922	54.669	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	191912	54.074	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	472260	123.555	ug/L #	90
42) Toluene	7.384	91	497617	51.175	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	194016	55.628	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	146727	56.819	ug/L	99
46) Tetrachloroethene	7.973	164	80585	44.961	ug/L	98
48) 2-Hexanone	8.136	43	378005	124.172	ug/L #	90
49) Dibromochloromethane	8.243	129	150811	55.248	ug/L	100
50) 1,2-Dibromoethane	8.349	107	148839	56.015	ug/L	99
51) Chlorobenzene	8.879	112	321097	49.231	ug/L	95
52) Ethylbenzene	9.011	91	476981	47.538	ug/L	100
53) m,p-Xylene	9.136	106	189243	49.905	ug/L	92
54) o-Xylene	9.542	106	190108	51.459	ug/L	94
55) Styrene	9.558	104	364555	56.017	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	252129	58.281	ug/L	100
59) Bromoform	9.728	173	104117	55.277	ug/L	99
60) Isopropylbenzene	9.931	105	461276	46.170	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	197504	54.265	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	386911	46.894	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	396622	49.071	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	239292	49.418	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	251135	49.281	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	258371	50.925	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	55215	54.075	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	155277	47.744	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	131270	48.597	ug/L	98
71) Naphthalene	13.500	128	493856	53.394	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	154670	51.660	ug/L	99

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

