

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121422\
 Data File : WV029690.D
 Acq On : 14 Dec 2022 15:21
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050390

Quant Time: Dec 14 21:15:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 14 21:14:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	509640	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	469554	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	253116	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	120590	38.640	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.280%
7) Chloroethane-d5	1.558	69	106129	44.597	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.105	63	237672	48.827	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.660%
21) 2-Butanone-d5	3.863	46	203059	106.661	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.660%
24) Chloroform-d	4.333	84	261028	44.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.900%
26) 1,2-Dichloroethane-d4	5.018	65	147244	43.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.800%
32) Benzene-d6	5.037	84	523057	42.157	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.320%
36) 1,2-Dichloropropane-d6	6.056	67	164364	43.370	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.740%
41) Toluene-d8	7.304	98	477913	40.881	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.760%
43) trans-1,3-Dichloroprop...	7.609	79	73888	38.610	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.220%
47) 2-Hexanone-d5	8.079	63	160842	99.387	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.390%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	239554	44.234	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.460%
66) 1,2-Dichlorobenzene-d4	11.612	152	201105	41.737	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	189024	47.087	ug/L	99
3) Chloromethane	1.240	50	205293	44.854	ug/L	100
5) Vinyl chloride	1.307	62	201986	52.747	ug/L	98
6) Bromomethane	1.513	94	99331	64.466	ug/L	99
8) Chloroethane	1.577	64	120778	56.642	ug/L	98
9) Trichlorofluoromethane	1.748	101	255012	53.196	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	150393	56.459	ug/L	98
12) 1,1-Dichloroethene	2.111	96	146678	53.844	ug/L	95
13) Acetone	2.156	43	173709	140.063	ug/L	98
14) Carbon disulfide	2.288	76	424083	46.776	ug/L	100
15) Methyl Acetate	2.420	43	162606	57.547	ug/L	96
16) Methylene chloride	2.497	84	181944	53.716	ug/L	96
17) trans-1,2-Dichloroethene	2.751	96	159382	50.777	ug/L	93
18) Methyl tert-butyl Ether	2.757	73	502486	52.251	ug/L	98
19) 1,1-Dichloroethane	3.175	63	290120	53.953	ug/L	99
20) cis-1,2-Dichloroethene	3.896	96	179385	51.973	ug/L	94
22) 2-Butanone	3.944	43	240432	121.836	ug/L	97
23) Bromochloromethane	4.233	128	92864	52.250	ug/L	94
25) Chloroform	4.359	83	289924	52.007	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.114	62	207460	52.681	ug/L	99
29) Cyclohexane	4.664	56	261473	51.405	ug/L	97
30) 1,1,1-Trichloroethane	4.593	97	253565	49.565	ug/L	99
31) Carbon tetrachloride	4.812	117	216097	48.372	ug/L	100
33) Benzene	5.085	78	680614	51.424	ug/L	100
34) Trichloroethene	5.902	95	169494	51.105	ug/L	99
35) Methylcyclohexane	6.120	83	291693	51.783	ug/L	98
37) 1,2-Dichloropropane	6.159	63	167091	52.306	ug/L	100
38) Bromodichloromethane	6.497	83	219281	49.725	ug/L	100
39) cis-1,3-Dichloropropene	7.014	75	234760	44.685	ug/L	98
40) 4-Methyl-2-pentanone	7.217	43	435413	114.318	ug/L	97
42) Toluene	7.374	91	727240	51.050	ug/L	100
44) trans-1,3-Dichloropropene	7.638	75	227582	45.742	ug/L	99
45) 1,1,2-Trichloroethane	7.825	97	169139	51.250	ug/L	98
46) Tetrachloroethene	7.963	164	138082	51.784	ug/L	99
48) 2-Hexanone	8.130	43	341184	117.249	ug/L	95
49) Dibromochloromethane	8.233	129	178911	49.102	ug/L	99
50) 1,2-Dibromoethane	8.339	107	168802	49.647	ug/L	99
51) Chlorobenzene	8.870	112	462959	51.322	ug/L	100
52) Ethylbenzene	9.001	91	770041	51.414	ug/L	100
53) m,p-Xylene	9.127	106	303223	51.153	ug/L	98
54) o-Xylene	9.532	106	294412	50.210	ug/L	99
55) Styrene	9.548	104	524804	51.503	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	260906	49.421	ug/L	99
59) Bromoform	9.718	173	130808	46.783	ug/L	99
60) Isopropylbenzene	9.918	105	778192	52.365	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	203266	52.026	ug/L	98
62) 1,3,5-Trimethylbenzene	10.525	105	650625	49.516	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	645684	49.573	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	366006	50.371	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	370439	50.164	ug/L	100
67) 1,2-Dichlorobenzene	11.628	146	371498	49.998	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	56795	46.771	ug/L	99
69) 1,3,5-Trichlorobenzene	12.631	180	294223	50.881	ug/L	100
70) 1,2,4-trichlorobenzene	13.246	180	263153	51.177	ug/L	100
71) Naphthalene	13.490	128	619627	53.125	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	261556	51.932	ug/L	99

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

