

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121422\
 Data File : WV029686.D
 Acq On : 14 Dec 2022 13:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050389

Quant Time: Dec 14 21:12:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 23:56:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	458137	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	433229	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	246501	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	109174	38.915	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.840%
7) Chloroethane-d5	1.561	69	97256	45.463	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.920%
11) 1,1-Dichloroethene-d2	2.105	63	207590	47.441	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.880%
21) 2-Butanone-d5	3.867	46	186599	109.033	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.030%
24) Chloroform-d	4.336	84	246539	46.699	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.021	65	144747	48.006	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.020%
32) Benzene-d6	5.040	84	490552	42.853	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.700%
36) 1,2-Dichloropropane-d6	6.060	67	157249	44.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.940%
41) Toluene-d8	7.307	98	449311	41.657	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.320%
43) trans-1,3-Dichloroprop...	7.613	79	70314	39.823	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.640%
47) 2-Hexanone-d5	8.082	63	155604	104.212	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.210%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	240126	48.057	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.120%
66) 1,2-Dichlorobenzene-d4	11.612	152	200326	42.691	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	159123	44.095	ug/L	100
3) Chloromethane	1.240	50	187039	45.460	ug/L	99
5) Vinyl chloride	1.311	62	172408	50.084	ug/L	99
6) Bromomethane	1.513	94	88212	63.685	ug/L	98
8) Chloroethane	1.581	64	106120	55.362	ug/L	99
9) Trichlorofluoromethane	1.751	101	211143	48.996	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	125489	52.406	ug/L	97
12) 1,1-Dichloroethene	2.114	96	124294	50.756	ug/L	95
13) Acetone	2.156	43	155410	139.396	ug/L	99
14) Carbon disulfide	2.291	76	359416	44.100	ug/L	100
15) Methyl Acetate	2.423	43	152203	59.921	ug/L	97
16) Methylene chloride	2.500	84	163588	53.727	ug/L	95
17) trans-1,2-Dichloroethene	2.754	96	140263	49.710	ug/L	97
18) Methyl tert-butyl Ether	2.761	73	475927	55.052	ug/L	99
19) 1,1-Dichloroethane	3.182	63	258033	53.380	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	160880	51.851	ug/L	92
22) 2-Butanone	3.950	43	219105	123.511	ug/L	98
23) Bromochloromethane	4.236	128	86124	53.905	ug/L	93
25) Chloroform	4.365	83	265373	52.955	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	195606	55.255	ug/L	99
29) Cyclohexane	4.667	56	209882	44.722	ug/L	98
30) 1,1,1-Trichloroethane	4.597	97	216089	45.781	ug/L	99
31) Carbon tetrachloride	4.818	117	186382	45.219	ug/L	100
33) Benzene	5.089	78	601620	49.267	ug/L	100
34) Trichloroethene	5.905	95	147705	48.269	ug/L	98
35) Methylcyclohexane	6.124	83	241941	46.552	ug/L	98
37) 1,2-Dichloropropane	6.162	63	157562	53.459	ug/L	99
38) Bromodichloromethane	6.500	83	204936	50.369	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	220510	45.492	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	414281	117.890	ug/L	97
42) Toluene	7.378	91	650171	49.467	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	216346	47.130	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	160664	52.764	ug/L	98
46) Tetrachloroethene	7.966	164	120050	48.796	ug/L	98
48) 2-Hexanone	8.130	43	322519	120.128	ug/L	95
49) Dibromochloromethane	8.236	129	170025	50.575	ug/L	97
50) 1,2-Dibromoethane	8.342	107	160410	51.134	ug/L	100
51) Chlorobenzene	8.870	112	430089	51.676	ug/L	100
52) Ethylbenzene	9.002	91	684585	49.541	ug/L	99
53) m,p-Xylene	9.127	106	273015	49.918	ug/L	100
54) o-Xylene	9.532	106	269356	49.789	ug/L	100
55) Styrene	9.551	104	489658	52.083	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	261536	53.695	ug/L	99
59) Bromoform	9.719	173	128255	47.100	ug/L	99
60) Isopropylbenzene	9.921	105	692372	47.841	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	198858	52.263	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	611884	47.817	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	617050	48.646	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	357495	50.520	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	362403	50.393	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	362743	50.129	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.413	75	54789	46.330	ug/L	98
69) 1,3,5-Trichlorobenzene	12.632	180	279858	49.696	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	256199	51.162	ug/L	100
71) Naphthalene	13.490	128	611596	53.844	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	256730	52.342	ug/L	99

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

