

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121922\
 Data File : VW029708.D
 Acq On : 19 Dec 2022 09:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050391

Quant Time: Dec 20 00:42:48 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	5.606	114	450473	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	417175	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	223866	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	144290	52.307	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.620%
7) Chloroethane-d5	1.561	69	120391	57.235	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.480%
11) 1,1-Dichloroethene-d2	2.105	63	241995	56.245	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.480%
21) 2-Butanone-d5	3.870	46	173928	103.359	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.360%
24) Chloroform-d	4.333	84	262681	50.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.018	65	151528	51.110	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.220%
32) Benzene-d6	5.037	84	536301	48.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.300%
36) 1,2-Dichloropropane-d6	6.060	67	166078	49.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.640%
41) Toluene-d8	7.304	98	481310	46.341	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.680%
43) trans-1,3-Dichloroprop...	7.609	79	61476	36.157	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.320%
47) 2-Hexanone-d5	8.082	63	140625	97.805	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.800%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	229497	47.697	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	184303	43.248	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	160087	45.117	ug/L	99
3) Chloromethane	1.240	50	201603	49.833	ug/L	100
5) Vinyl chloride	1.311	62	184222	54.426	ug/L	99
6) Bromomethane	1.520	94	87824	64.484	ug/L	99
8) Chloroethane	1.581	64	118528	62.888	ug/L	99
9) Trichlorofluoromethane	1.751	101	220451	52.027	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	123570	52.483	ug/L	98
12) 1,1-Dichloroethene	2.114	96	130454	54.178	ug/L	90
13) Acetone	2.163	43	123317	112.492	ug/L	100
14) Carbon disulfide	2.291	76	367680	45.881	ug/L	99
15) Methyl Acetate	2.423	43	155540	62.277	ug/L	95
16) Methylene chloride	2.500	84	173022	57.792	ug/L	95
17) trans-1,2-Dichloroethene	2.754	96	142914	51.511	ug/L	97
18) Methyl tert-butyl Ether	2.761	73	501843	59.038	ug/L	99
19) 1,1-Dichloroethane	3.179	63	275724	58.011	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	164626	53.961	ug/L	91
22) 2-Butanone	3.950	43	201649	115.605	ug/L	96
23) Bromochloromethane	4.233	128	90046	57.319	ug/L	91
25) Chloroform	4.362	83	278665	56.553	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	201926	58.011	ug/L	99
29) Cyclohexane	4.667	56	212094	46.933	ug/L	98
30) 1,1,1-Trichloroethane	4.597	97	231250	50.879	ug/L	98
31) Carbon tetrachloride	4.815	117	193411	48.730	ug/L	99
33) Benzene	5.089	78	622358	52.926	ug/L	100
34) Trichloroethene	5.902	95	147285	49.984	ug/L	99
35) Methylcyclohexane	6.121	83	219899	43.939	ug/L	97
37) 1,2-Dichloropropane	6.162	63	164763	58.053	ug/L	99
38) Bromodichloromethane	6.500	83	211577	54.002	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	178343	38.208	ug/L	96
40) 4-Methyl-2-pentanone	7.217	43	420533	124.274	ug/L	96
42) Toluene	7.378	91	643646	50.855	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	176484	39.926	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	165693	56.509	ug/L	98
46) Tetrachloroethene	7.963	164	115354	48.692	ug/L	99
48) 2-Hexanone	8.130	43	313509	121.266	ug/L	95
49) Dibromochloromethane	8.233	129	177304	54.770	ug/L	98
50) 1,2-Dibromoethane	8.339	107	161805	53.564	ug/L	100
51) Chlorobenzene	8.870	112	417392	52.080	ug/L	100
52) Ethylbenzene	9.002	91	666583	50.095	ug/L	100
53) m,p-Xylene	9.127	106	261613	49.674	ug/L	100
54) o-Xylene	9.532	106	261732	50.242	ug/L	100
55) Styrene	9.548	104	480270	53.050	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	256848	54.761	ug/L	99
59) Bromoform	9.719	173	132563	53.605	ug/L	100
60) Isopropylbenzene	9.921	105	672221	51.145	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	197109	57.042	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	566524	48.749	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	566896	49.211	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	326502	50.805	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	330944	50.671	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	333191	50.701	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.413	75	51204	47.676	ug/L	98
69) 1,3,5-Trichlorobenzene	12.632	180	234875	45.925	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	213223	46.885	ug/L	100
71) Naphthalene	13.490	128	476061	46.149	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	220443	49.488	ug/L	99

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

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