

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121322\
 Data File : VW029641.D
 Acq On : 13 Dec 2022 09:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050386

Quant Time: Dec 13 22:47:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 04:57:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	523073	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	477214	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	259763	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	142209	44.398	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.800%		
7) Chloroethane-d5	1.565	69	117481	48.100	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.200%		
11) 1,1-Dichloroethene-d2	2.105	63	249209	49.882	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.760%		
21) 2-Butanone-d5	3.870	46	174586	89.350	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.350%		
24) Chloroform-d	4.336	84	258477	42.882	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.760%		
26) 1,2-Dichloroethane-d4	5.021	65	148363	43.097	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.200%		
32) Benzene-d6	5.040	84	539051	42.749	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.500%		
36) 1,2-Dichloropropane-d6	6.060	67	161797	42.007	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.020%		
41) Toluene-d8	7.307	98	499368	42.031	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.060%		
43) trans-1,3-Dichloroprop...	7.613	79	70901	36.454	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.900%		
47) 2-Hexanone-d5	8.082	63	145410	88.409	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.410%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	220863	40.128	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.260%		
66) 1,2-Dichlorobenzene-d4	11.612	152	191332	38.693	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.380%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	178987	43.442	ug/L	100
3) Chloromethane	1.240	50	197246	41.989	ug/L	99
5) Vinyl chloride	1.311	62	184329	46.900	ug/L	100
6) Bromomethane	1.520	94	91435	57.817	ug/L	100
8) Chloroethane	1.581	64	115139	52.611	ug/L	100
9) Trichlorofluoromethane	1.751	101	237277	48.226	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	139302	50.953	ug/L	98
12) 1,1-Dichloroethene	2.114	96	137907	49.324	ug/L	90
13) Acetone	2.163	43	125227	98.379	ug/L	100
14) Carbon disulfide	2.291	76	408858	43.939	ug/L	99
15) Methyl Acetate	2.423	43	155855	53.742	ug/L	97
16) Methylene chloride	2.500	84	173517	49.913	ug/L	96
17) trans-1,2-Dichloroethene	2.754	96	157376	48.851	ug/L	98
18) Methyl tert-butyl Ether	2.761	73	510026	51.673	ug/L	99
19) 1,1-Dichloroethane	3.182	63	277778	50.331	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	175424	49.520	ug/L	95
22) 2-Butanone	3.954	43	210117	103.740	ug/L	97
23) Bromochloromethane	4.236	128	91250	50.023	ug/L	94
25) Chloroform	4.362	83	284713	49.761	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	206821	51.170	ug/L	98
29) Cyclohexane	4.667	56	244841	47.363	ug/L	99
30) 1,1,1-Trichloroethane	4.597	97	243101	46.757	ug/L	99
31) Carbon tetrachloride	4.818	117	204996	45.151	ug/L	100
33) Benzene	5.089	78	658188	48.931	ug/L	100
34) Trichloroethene	5.905	95	159329	47.269	ug/L	97
35) Methylcyclohexane	6.121	83	268247	46.857	ug/L	98
37) 1,2-Dichloropropane	6.162	63	169582	52.234	ug/L	99
38) Bromodichloromethane	6.500	83	216619	48.333	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	219508	41.111	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	426743	110.244	ug/L	98
42) Toluene	7.378	91	698903	48.273	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	212288	41.983	ug/L	100
45) 1,1,2-Trichloroethane	7.828	97	168957	50.373	ug/L	99
46) Tetrachloroethene	7.966	164	131874	48.662	ug/L	97
48) 2-Hexanone	8.133	43	329885	111.546	ug/L	96
49) Dibromochloromethane	8.236	129	178641	48.241	ug/L	99
50) 1,2-Dibromoethane	8.342	107	167973	48.610	ug/L	99
51) Chlorobenzene	8.870	112	454326	49.556	ug/L	99
52) Ethylbenzene	9.002	91	745885	49.002	ug/L	100
53) m,p-Xylene	9.130	106	294616	48.903	ug/L	98
54) o-Xylene	9.532	106	290504	48.749	ug/L	99
55) Styrene	9.551	104	522724	50.475	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	260556	48.563	ug/L	99
59) Bromoform	9.719	173	129081	44.984	ug/L	99
60) Isopropylbenzene	9.921	105	727467	47.699	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	198976	49.625	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	640092	47.468	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	637608	47.701	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	357725	47.972	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	366055	48.302	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	359985	47.208	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	51967	41.700	ug/L	99
69) 1,3,5-Trichlorobenzene	12.632	180	274965	46.334	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	247194	46.843	ug/L	100
71) Naphthalene	13.490	128	590975	49.372	ug/L	98
72) 1,2,3-Trichlorobenzene	13.728	180	247829	47.948	ug/L	100

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

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