

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029414.D
 Acq On : 07 Dec 2022 13:10
 Operator : SY/MD
 Sample : VSTD20080
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200280

Quant Time: Dec 08 00:33:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:30:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	512113	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	452749	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	260361	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	651727	205.982	ug/L	0.00
7) Chloroethane-d5	1.542	69	497252	192.697	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	1020685	183.625	ug/L	0.00
21) 2-Butanone-d5	3.860	46	823561	321.344	ug/L	0.00
24) Chloroform-d	4.333	84	1211053	183.515	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.021	65	701238	178.705	ug/L	0.00
32) Benzene-d6	5.040	84	2536098	202.070	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.060	67	772808	195.229	ug/L	0.00
41) Toluene-d8	7.307	98	2428756	208.344	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.609	79	412240	210.881	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	678871	399.107	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	1073831	204.039	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	1017728	193.015	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	859984	241.981	ug/L	100
3) Chloromethane	1.237	50	873731	241.681	ug/L	100
5) Vinyl chloride	1.307	62	839985	239.352	ug/L	99
6) Bromomethane	1.497	94	241536	133.951	ug/L	99
8) Chloroethane	1.561	64	461753	219.452	ug/L	99
9) Trichlorofluoromethane	1.738	101	1028394	208.087	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	581063	209.179	ug/L	99
12) 1,1-Dichloroethene	2.108	96	590620	226.822	ug/L	99
13) Acetone	2.153	43	525301	305.959	ug/L	99
14) Carbon disulfide	2.282	76	1962825	267.361	ug/L	100
15) Methyl Acetate	2.417	43	609973	170.811	ug/L	99
16) Methylene chloride	2.497	84	714458	204.841	ug/L	97
17) trans-1,2-Dichloroethene	2.748	96	686971	224.897	ug/L	99
18) Methyl tert-butyl Ether	2.761	73	2103259	200.745	ug/L	100
19) 1,1-Dichloroethane	3.179	63	1145516	197.387	ug/L	99
20) cis-1,2-Dichloroethene	3.896	96	763706	214.234	ug/L	98
22) 2-Butanone	3.944	43	889759	356.754	ug/L	96
23) Bromochloromethane	4.233	128	383591	201.423	ug/L	98
25) Chloroform	4.362	83	1193937	195.483	ug/L	99
27) 1,2-Dichloroethane	5.117	62	851268	198.409	ug/L	99
29) Cyclohexane	4.667	56	1097605	238.127	ug/L	99
30) 1,1,1-Trichloroethane	4.597	97	1075694	212.617	ug/L	99
31) Carbon tetrachloride	4.818	117	949177	216.335	ug/L	100
33) Benzene	5.089	78	2817929	229.808	ug/L	100
34) Trichloroethene	5.902	95	716761	210.088	ug/L	99
35) Methylcyclohexane	6.124	83	1247940	256.799	ug/L	99
37) 1,2-Dichloropropane	6.162	63	679751	210.797	ug/L	100
38) Bromodichloromethane	6.500	83	931737	212.445	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	1162031	227.614	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	1662699	369.870	ug/L	99
42) Toluene	7.378	91	3044176	229.933	ug/L	98
44) trans-1,3-Dichloropropene	7.641	75	1104588	226.620	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.828	97	684658	209.253	ug/L	99
46) Tetrachloroethene	7.966	164	558492	217.555	ug/L	99
48) 2-Hexanone	8.133	43	1235892	357.325	ug/L	99
49) Dibromochloromethane	8.236	129	751363	202.596	ug/L	98
50) 1,2-Dibromoethane	8.342	107	704271	203.740	ug/L	100
51) Chlorobenzene	8.873	112	1876587	214.022	ug/L	100
52) Ethylbenzene	9.002	91	3144564	219.506	ug/L	99
53) m,p-Xylene	9.130	106	1257181	224.755	ug/L	100
54) o-Xylene	9.535	106	1227075	219.405	ug/L	99
55) Styrene	9.551	104	2159883	228.964	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	1094195	221.234	ug/L	99
59) Bromoform	9.722	173	599718	201.506	ug/L	99
60) Isopropylbenzene	9.921	105	3202456	199.663	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	820478	181.907	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	2891785	211.698	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	2896471	208.977	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	1610309	208.598	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	1630512	209.843	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	1628615	206.722	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	259400	213.811	ug/L	95
69) 1,3,5-Trichlorobenzene	12.635	180	1348164	231.654	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	1215120	245.818	ug/L	100
71) Naphthalene	13.493	128	3094125	229.333	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	1161231	236.975	ug/L	100

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

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