

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029413.D
 Acq On : 07 Dec 2022 12:45
 Operator : SY/MD
 Sample : VSTD10079
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100279

Quant Time: Dec 08 00:32:46 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	5.609	114	470980	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	429038	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	249615	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	319283	109.724	ug/L	0.00
7) Chloroethane-d5	1.548	69	237251	99.970	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	490801	96.008	ug/L	0.00
21) 2-Butanone-d5	3.863	46	387873	164.561	ug/L	0.00
24) Chloroform-d	4.336	84	581195	95.762	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.021	65	339634	94.112	ug/L	0.00
32) Benzene-d6	5.040	84	1212831	101.976	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	363505	96.905	ug/L	0.00
41) Toluene-d8	7.307	98	1158542	104.874	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	192520	103.926	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	334556	207.555	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	535068	107.287	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	504846	99.867	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	421999	129.112	ug/L	100
3) Chloromethane	1.240	50	443210	133.302	ug/L	100
5) Vinyl chloride	1.307	62	403013	124.867	ug/L	99
6) Bromomethane	1.497	94	131710	79.423	ug/L	98
8) Chloroethane	1.568	64	218795	113.065	ug/L	99
9) Trichlorofluoromethane	1.741	101	487802	107.323	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	275827	107.968	ug/L	99
12) 1,1-Dichloroethene	2.111	96	277995	116.086	ug/L	97
13) Acetone	2.156	43	262597	166.306	ug/L	98
14) Carbon disulfide	2.285	76	921509	136.483	ug/L	99
15) Methyl Acetate	2.420	43	285015	86.783	ug/L	100
16) Methylene chloride	2.497	84	335023	104.443	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	320171	113.970	ug/L	99
18) Methyl tert-butyl Ether	2.760	73	980170	101.722	ug/L	100
19) 1,1-Dichloroethane	3.178	63	541353	101.429	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	355153	108.328	ug/L	99
22) 2-Butanone	3.947	43	427208	186.251	ug/L	98
23) Bromochloromethane	4.236	128	181473	103.614	ug/L	100
25) Chloroform	4.365	83	569696	101.422	ug/L	99
27) 1,2-Dichloroethane	5.120	62	399214	101.173	ug/L	100
29) Cyclohexane	4.667	56	513763	117.621	ug/L	100
30) 1,1,1-Trichloroethane	4.596	97	508421	106.046	ug/L	99
31) Carbon tetrachloride	4.818	117	448639	107.904	ug/L	100
33) Benzene	5.091	78	1325298	114.054	ug/L	100
34) Trichloroethene	5.905	95	334022	103.315	ug/L	99
35) Methylcyclohexane	6.124	83	577032	125.303	ug/L	99
37) 1,2-Dichloropropane	6.165	63	319746	104.636	ug/L	100
38) Bromodichloromethane	6.500	83	441921	106.331	ug/L	99
39) cis-1,3-Dichloropropene	7.017	75	542921	112.222	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	780677	183.260	ug/L	100
42) Toluene	7.381	91	1443831	115.082	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	512572	110.972	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	328663	106.001	ug/L	99
46) Tetrachloroethene	7.966	164	273644	112.486	ug/L	98
48) 2-Hexanone	8.133	43	615488	187.787	ug/L	98
49) Dibromochloromethane	8.239	129	367427	104.547	ug/L	99
50) 1,2-Dibromoethane	8.342	107	343161	104.760	ug/L	99
51) Chlorobenzene	8.873	112	917954	110.477	ug/L	99
52) Ethylbenzene	9.005	91	1545621	113.854	ug/L	99
53) m,p-Xylene	9.130	106	611733	115.408	ug/L	100
54) o-Xylene	9.535	106	602843	113.748	ug/L	100
55) Styrene	9.551	104	1071355	119.848	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	538710	114.941	ug/L	98
59) Bromoform	9.722	173	289566	101.483	ug/L	100
60) Isopropylbenzene	9.921	105	1582466	102.909	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	403947	93.414	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	1440860	110.022	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	1450269	109.140	ug/L	100
64) 1,3-Dichlorobenzene	11.168	146	798971	107.954	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	798495	107.188	ug/L	100
67) 1,2-Dichlorobenzene	11.631	146	802405	106.235	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	127787	109.863	ug/L	96
69) 1,3,5-Trichlorobenzene	12.635	180	651539	116.773	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	584532	123.341	ug/L	99
71) Naphthalene	13.490	128	1456949	112.636	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	567926	120.887	ug/L	100

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

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