

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092821\
 Data File : VW022339.D
 Acq On : 27 Sep 2021 17:45
 Operator : SY/MD
 Sample : VSTD20055
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200255

Quant Time: Sep 28 02:15:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 28 02:13:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	274830	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	273740	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	158771	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	473781	240.289	ug/L	0.00
7) Chloroethane-d5	1.548	69	359266	232.358	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.101	63	819361	247.349	ug/L	0.00
21) 2-Butanone-d5	3.870	46	755970	550.573	ug/L	0.00
24) Chloroform-d	4.346	84	876297	244.732	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	522682	244.600	ug/L	0.00
32) Benzene-d6	5.050	84	1763916	229.792	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	560181	232.004	ug/L	0.00
41) Toluene-d8	7.317	98	1660421	230.682	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	284769	249.431	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	533076	568.161	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	835123	263.434	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	721913	226.361	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	521422	257.249	ug/L	99
3) Chloromethane	1.240	50	529086	249.286	ug/L	100
5) Vinyl chloride	1.307	62	501273	238.328	ug/L	99
6) Bromomethane	1.497	94	288524	226.256	ug/L	99
8) Chloroethane	1.568	64	298503	228.388	ug/L	99
9) Trichlorofluoromethane	1.744	101	680060	228.463	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	372737	216.787	ug/L	99
12) 1,1-Dichloroethene	2.111	96	363538	223.444	ug/L	97
13) Acetone	2.156	43	496923	444.896	ug/L	99
14) Carbon disulfide	2.288	76	1208458	244.205	ug/L	99
15) Methyl Acetate	2.423	43	520482	237.608	ug/L	100
16) Methylene chloride	2.500	84	456392	210.054	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	429601	220.973	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	1320134	216.158	ug/L	100
19) 1,1-Dichloroethane	3.185	63	757158	218.038	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	470382	219.039	ug/L	99
22) 2-Butanone	3.950	43	732687	469.493	ug/L	100
23) Bromochloromethane	4.243	128	246160	214.340	ug/L	99
25) Chloroform	4.375	83	771631	210.549	ug/L	97
27) 1,2-Dichloroethane	5.127	62	561251	227.502	ug/L	98
29) Cyclohexane	4.677	56	698813	224.771	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	675577	207.040	ug/L	99
31) Carbon tetrachloride	4.828	117	597143	212.337	ug/L	100
33) Benzene	5.098	78	1708525	211.542	ug/L	100
34) Trichloroethene	5.912	95	436908	195.425	ug/L	99
35) Methylcyclohexane	6.130	83	712259	213.476	ug/L	99
37) 1,2-Dichloropropane	6.172	63	443582	212.096	ug/L	99
38) Bromodichloromethane	6.510	83	579606	217.694	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	731029	229.257	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	1332002	466.876	ug/L	99
42) Toluene	7.387	91	1853301	212.962	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	694923	232.732	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	434028	205.060	ug/L	99
46) Tetrachloroethene	7.976	164	360415	205.259	ug/L	97
48) 2-Hexanone	8.140	43	1046516	474.867	ug/L	100
49) Dibromochloromethane	8.249	129	503335	222.257	ug/L	100
50) 1,2-Dibromoethane	8.352	107	482977	212.746	ug/L	98
51) Chlorobenzene	8.882	112	1201300	207.151	ug/L	100
52) Ethylbenzene	9.014	91	1997349	213.372	ug/L	100
53) m,p-Xylene	9.140	106	785986	216.265	ug/L	99
54) o-Xylene	9.545	106	769005	214.192	ug/L	96
55) Styrene	9.561	104	1359405	220.866	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	740646	235.773	ug/L	99
59) Bromoform	9.731	173	391622	231.211	ug/L	98
60) Isopropylbenzene	9.934	105	2034014	204.160	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	574622	206.432	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	1766901	211.636	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	1802575	212.393	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	1012282	200.268	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	1024493	198.564	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	1016002	201.787	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	176951	261.320	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	771410	206.003	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	697285	213.469	ug/L	100
71) Naphthalene	13.503	128	2388811	249.515	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	697702	216.694	ug/L	99

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

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