

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012721\
 Data File : VV020173.D
 Acq On : 26 Jan 2021 15:23
 Operator : SY/MD
 Sample : VSTD05064
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050164

Quant Time: Jan 27 06:57:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 06:49:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	981530	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	945517	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	526209	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	326393	50.00	ug/L	0.00
7) Chloroethane-d5	1.569	69	265358	50.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.106	63	492039	50.00	ug/L	0.00
21) 2-Butanone-d5	3.888	46	460324	100.00	ug/L	0.00
24) Chloroform-d	4.354	84	615699	50.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.035	65	396465	50.00	ug/L	0.00
32) Benzene-d6	5.055	84	1172189	50.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	366950	50.00	ug/L	0.00
41) Toluene-d8	7.318	98	1093228	50.00	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	184634	50.00	ug/L	0.00
47) 2-Hexanone-d5	8.090	63	348722	100.00	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.222	84	505840	50.00	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.633	152	477391	50.00	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	334639	50.00	ug/L	100
3) Chloromethane	1.241	50	375657	50.00	ug/L	100
5) Vinyl chloride	1.312	62	342113	50.00	ug/L	100
6) Bromomethane	1.521	94	187735	50.00	ug/L	100
8) Chloroethane	1.585	64	214194	50.00	ug/L	100
9) Trichlorofluoromethane	1.753	101	498674	50.00	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	234984	50.00	ug/L	100
12) 1,1-Dichloroethene	2.119	96	223148	50.00	ug/L	100
13) Acetone	2.180	43	216326	100.00	ug/L	100
14) Carbon disulfide	2.293	76	616110	50.00	ug/L	100
15) Methyl Acetate	2.434	43	258907	50.00	ug/L	100
16) Methylene chloride	2.508	84	261279	50.00	ug/L	100
17) trans-1,2-Dichloroethene	2.762	96	261554	50.00	ug/L	100
18) Methyl tert-butyl Ether	2.769	73	825968	50.00	ug/L	100
19) 1,1-Dichloroethane	3.193	63	548268	50.00	ug/L	100
20) cis-1,2-Dichloroethene	3.913	96	320069	50.00	ug/L	100
22) 2-Butanone	3.971	43	458758	100.00	ug/L	100
23) Bromochloromethane	4.251	128	171433	50.00	ug/L	100
25) Chloroform	4.380	83	569591	50.00	ug/L	100
27) 1,2-Dichloroethane	5.135	62	460360	50.00	ug/L	100
29) Cyclohexane	4.682	56	457345	50.00	ug/L	100
30) 1,1,1-Trichloroethane	4.611	97	501049	50.00	ug/L	100
31) Carbon tetrachloride	4.833	117	436694	50.00	ug/L	100
33) Benzene	5.103	78	1197787	50.00	ug/L	100
34) Trichloroethene	5.916	95	318327	50.00	ug/L	100
35) Methylcyclohexane	6.135	83	474373	50.00	ug/L	100
37) 1,2-Dichloropropane	6.177	63	313103	50.00	ug/L	100
38) Bromodichloromethane	6.515	83	424934	50.00	ug/L	100
39) cis-1,3-Dichloropropene	7.032	75	500053	50.00	ug/L	100
40) 4-Methyl-2-pentanone	7.228	43	914534	100.00	ug/L	100
42) Toluene	7.392	91	1289981	50.00	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	482906	50.00	ug/L	100

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45) 1,1,2-Trichloroethane	7.842	97	312074	50.00	ug/L	100
46) Tetrachloroethene	7.981	164	269281	50.00	ug/L	100
48) 2-Hexanone	8.141	43	707919	100.00	ug/L	100
49) Dibromochloromethane	8.251	129	352085	50.00	ug/L	100
50) 1,2-Dibromoethane	8.357	107	337206	50.00	ug/L	100
51) Chlorobenzene	8.884	112	858593	50.00	ug/L	100
52) Ethylbenzene	9.016	91	1452636	50.00	ug/L	100
53) m,p-Xylene	9.145	106	551741	50.00	ug/L	100
54) o-Xylene	9.550	106	535575	50.00	ug/L	100
55) Styrene	9.566	104	958081	50.00	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.247	83	491240	50.00	ug/L	100
59) Bromoform	9.736	173	272420	50.00	ug/L	100
60) Isopropylbenzene	9.936	105	1293942	50.00	ug/L	100
61) 1,2,3-Trichloropropane	10.280	75	403031	50.00	ug/L	100
62) 1,3,5-Trimethylbenzene	10.543	105	1132859	50.00	ug/L	100
63) 1,2,4-Trimethylbenzene	10.919	105	1175162	50.00	ug/L	100
64) 1,3-Dichlorobenzene	11.186	146	732295	50.00	ug/L	100
65) 1,4-Dichlorobenzene	11.280	146	745603	50.00	ug/L	100
67) 1,2-Dichlorobenzene	11.649	146	730935	50.00	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.437	75	124963	50.00	ug/L	100
69) 1,3,5-Trichlorobenzene	12.653	180	605917	50.00	ug/L	100
70) 1,2,4-trichlorobenzene	13.270	180	567748	50.00	ug/L	100
71) Naphthalene	13.511	128	1694069	50.00	ug/L	100
72) 1,2,3-Trichlorobenzene	13.752	180	561643	50.00	ug/L	100

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

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