

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020521\
 Data File : VV020270.D
 Acq On : 05 Feb 2021 11:08
 Operator : SY/MD
 Sample : VSTD10064
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10064

Quant Time: Feb 05 11:30:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 05 11:23:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	597312	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	588847	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	327873	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	449666	159.84	ug/L	0.00
7) Chloroethane-d5	1.569	69	365761	154.56	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.110	63	843488	151.51	ug/L	0.00
21) 2-Butanone-d5	3.888	46	520048	251.00	ug/L	0.00
24) Chloroform-d	4.351	84	802235	121.62	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.035	65	506385	124.80	ug/L	0.00
32) Benzene-d6	5.055	84	1561173	120.21	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	474177	123.05	ug/L	0.00
41) Toluene-d8	7.318	98	1506330	117.97	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	256092	126.15	ug/L	0.00
47) 2-Hexanone-d5	8.090	63	430584	254.88	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	685248	115.74	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.630	152	638009	104.83	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	544388	143.58	ug/L	100
3) Chloromethane	1.241	50	481575	155.35	ug/L	99
5) Vinyl chloride	1.312	62	524939	152.64	ug/L	99
6) Bromomethane	1.524	94	332792	144.12	ug/L	97
8) Chloroethane	1.585	64	335469	160.61	ug/L	100
9) Trichlorofluoromethane	1.753	101	734488	134.78	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	391775	121.57	ug/L	94
12) 1,1-Dichloroethene	2.119	96	386509	127.77	ug/L	79
13) Acetone	2.180	43	343482	245.84	ug/L	95
14) Carbon disulfide	2.296	76	1143352	133.50	ug/L	100
15) Methyl Acetate	2.434	43	378939	128.98	ug/L	91
16) Methylene chloride	2.508	84	414563	120.16	ug/L	89
17) trans-1,2-Dichloroethene	2.762	96	402162	118.74	ug/L	93
18) Methyl tert-butyl Ether	2.772	73	1245073	124.21	ug/L	96
19) 1,1-Dichloroethane	3.193	63	727576	128.64	ug/L	98
20) cis-1,2-Dichloroethene	3.913	96	440671	118.94	ug/L	91
22) 2-Butanone	3.968	43	544189	272.22	ug/L	93
23) Bromochloromethane	4.251	128	234606	109.89	ug/L #	82
25) Chloroform	4.380	83	757821	121.69	ug/L	98
27) 1,2-Dichloroethane	5.135	62	609884	131.74	ug/L	98
29) Cyclohexane	4.682	56	624784	131.04	ug/L	90
30) 1,1,1-Trichloroethane	4.611	97	682294	117.50	ug/L	97
31) Carbon tetrachloride	4.833	117	594735	115.03	ug/L	99
33) Benzene	5.103	78	1636588	121.85	ug/L	100
34) Trichloroethene	5.916	95	440730	115.84	ug/L	94
35) Methylcyclohexane	6.135	83	682683	122.33	ug/L	92
37) 1,2-Dichloropropane	6.177	63	418653	128.35	ug/L	98
38) Bromodichloromethane	6.511	83	579588	124.69	ug/L	99
39) cis-1,3-Dichloropropene	7.029	75	706596	132.99	ug/L	100
40) 4-Methyl-2-pentanone	7.228	43	1079043	268.73	ug/L #	92
42) Toluene	7.389	91	1830831	122.26	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	692726	132.58	ug/L	99

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45) 1,1,2-Trichloroethane	7.842	97	426278	115.82	ug/L	97
46) Tetrachloroethene	7.977	164	365878	99.67	ug/L	95
48) 2-Hexanone	8.141	43	844229	270.58	ug/L #	92
49) Dibromochloromethane	8.251	129	490771	114.33	ug/L	100
50) 1,2-Dibromoethane	8.357	107	463920	116.89	ug/L #	99
51) Chlorobenzene	8.884	112	1199785	111.71	ug/L	96
52) Ethylbenzene	9.016	91	2045955	121.01	ug/L	97
53) m,p-Xylene	9.141	106	784869	118.00	ug/L	94
54) o-xylene	9.550	106	772888	119.33	ug/L	95
55) Styrene	9.566	104	1359574	120.99	ug/L	95
56) Isopropylbenzene	9.936	105	2073057	119.66	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.247	83	683202	120.89	ug/L	98
59) 1,2,3-Trichloropropane	10.280	75	558373	121.91	ug/L	99
61) Bromoform	9.736	173	365173	111.92	ug/L #	99
62) 1,3-Dichlorobenzene	11.186	146	1019773	112.29	ug/L	97
63) 1,4-Dichlorobenzene	11.280	146	1025629	109.00	ug/L	98
65) 1,2-Dichlorobenzene	11.649	146	1008642	111.42	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.437	75	163271	132.97	ug/L #	79
67) 1,3,5-Trichlorobenzene	12.652	180	807322	103.77	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	737883	105.56	ug/L	97
69) Naphthalene	13.511	128	2283390	128.03	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	738263	106.47	ug/L	98

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

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