

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012021\
 Data File : VV020074.D
 Acq On : 20 Jan 2021 13:35
 Operator : SY/MD
 Sample : VSTD10066
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10066

Quant Time: Jan 20 14:00:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 13:47:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	347525	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	332427	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	200451	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	219494	79.12	ug/L	0.00
7) Chloroethane-d5	1.569	69	168108	75.88	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.110	63	439946	79.64	ug/L	0.00
21) 2-Butanone-d5	3.894	46	320221	174.50	ug/L	0.00
24) Chloroform-d	4.354	84	497134	95.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.036	65	329286	93.16	ug/L	0.00
32) Benzene-d6	5.055	84	916311	99.17	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	267785	93.54	ug/L	0.00
41) Toluene-d8	7.318	98	867677	102.86	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	157157	104.46	ug/L	0.00
47) 2-Hexanone-d5	8.090	63	243815	211.49	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	391128	100.32	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.633	152	397382	102.33	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	285494	87.28	ug/L	100
3) Chloromethane	1.241	50	214312	71.62	ug/L	100
5) Vinyl chloride	1.312	62	230913	75.20	ug/L	99
6) Bromomethane	1.524	94	156599	80.27	ug/L	97
8) Chloroethane	1.585	64	134645	71.73	ug/L	99
9) Trichlorofluoromethane	1.753	101	412322	91.66	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	207426	84.24	ug/L #	90
12) 1,1-Dichloroethene	2.119	96	196905	83.55	ug/L	82
13) Acetone	2.190	43	222639	138.72	ug/L	99
14) Carbon disulfide	2.296	76	635267	89.44	ug/L	99
15) Methyl Acetate	2.438	43	217232	79.98	ug/L	92
16) Methylene chloride	2.508	84	234306	91.74	ug/L	87
17) trans-1,2-Dichloroethene	2.762	96	230353	94.52	ug/L	91
18) Methyl tert-butyl Ether	2.772	73	758652	96.12	ug/L	96
19) 1,1-Dichloroethane	3.193	63	407065	88.84	ug/L	98
20) cis-1,2-Dichloroethene	3.917	96	253357	96.97	ug/L	88
22) 2-Butanone	3.978	43	328227	168.38	ug/L	95
23) Bromochloromethane	4.251	128	140313	101.67	ug/L #	77
25) Chloroform	4.380	83	458863	94.21	ug/L	98
27) 1,2-Dichloroethane	5.135	62	379681	93.87	ug/L	100
29) Cyclohexane	4.682	56	354638	92.63	ug/L	90
30) 1,1,1-Trichloroethane	4.614	97	435865	100.40	ug/L	96
31) Carbon tetrachloride	4.833	117	390080	105.06	ug/L	99
33) Benzene	5.103	78	924338	97.41	ug/L	100
34) Trichloroethene	5.920	95	267714	97.16	ug/L	93
35) Methylcyclohexane	6.135	83	388760	99.19	ug/L	93
37) 1,2-Dichloropropane	6.177	63	230474	94.88	ug/L #	97
38) Bromodichloromethane	6.515	83	350308	98.94	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	407819	105.47	ug/L	99
40) 4-Methyl-2-pentanone	7.232	43	623598	170.56	ug/L #	93
42) Toluene	7.392	91	1022561	100.50	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	404684	103.18	ug/L	99

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

45) 1,1,2-Trichloroethane	7.842	97	243074	99.66	ug/L	96
46) Tetrachloroethene	7.981	164	220775	109.25	ug/L	95
48) 2-Hexanone	8.145	43	499353	172.72	ug/L #	93
49) Dibromochloromethane	8.251	129	296834	109.07	ug/L	98
50) 1,2-Dibromoethane	8.357	107	269804	102.71	ug/L #	98
51) Chlorobenzene	8.887	112	689220	101.27	ug/L	97
52) Ethylbenzene	9.016	91	1173696	101.28	ug/L	98
53) m,p-Xylene	9.145	106	455762	106.60	ug/L	96
54) o-xylene	9.550	106	436487	104.26	ug/L	100
55) Styrene	9.566	104	778686	107.52	ug/L	99
56) Isopropylbenzene	9.936	105	1204739	106.11	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.248	83	375051	99.20	ug/L #	99
59) 1,2,3-Trichloropropane	10.280	75	324672	96.80	ug/L	100
61) Bromoform	9.736	173	224689	109.58	ug/L #	98
62) 1,3-Dichlorobenzene	11.186	146	605909	100.73	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	614802	99.53	ug/L	97
65) 1,2-Dichlorobenzene	11.649	146	609173	100.57	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.437	75	102389	100.48	ug/L #	77
67) 1,3,5-Trichlorobenzene	12.653	180	492169	107.85	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	453952	112.13	ug/L	97
69) Naphthalene	13.511	128	1315777	114.66	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	440481	112.19	ug/L	99

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

