

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012021\
 Data File : VV020073.D
 Acq On : 20 Jan 2021 13:11
 Operator : SY/MD
 Sample : VSTD05065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05065

Quant Time: Jan 20 13:49:22 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	339746	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	333829	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	195252	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	107288	39.56	ug/L	0.00
7) Chloroethane-d5	1.569	69	84523	39.03	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.110	63	219041	40.56	ug/L	0.00
21) 2-Butanone-d5	3.897	46	157767	87.94	ug/L	0.00
24) Chloroform-d	4.354	84	243660	47.84	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.039	65	163684	47.37	ug/L	0.00
32) Benzene-d6	5.055	84	447755	48.26	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	131345	45.69	ug/L	0.00
41) Toluene-d8	7.322	98	423357	49.98	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	74427	49.26	ug/L	0.00
47) 2-Hexanone-d5	8.093	63	114638	99.02	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	190640	48.69	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.630	152	191531	50.63	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	146767	45.89	ug/L	99
3) Chloromethane	1.241	50	107105	36.61	ug/L	97
5) Vinyl chloride	1.312	62	117045	38.99	ug/L	97
6) Bromomethane	1.524	94	79919	41.90	ug/L	96
8) Chloroethane	1.589	64	70278	38.29	ug/L	99
9) Trichlorofluoromethane	1.756	101	207753	47.24	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	107150	44.51	ug/L	90
12) 1,1-Dichloroethene	2.119	96	99063	42.99	ug/L	89
13) Acetone	2.193	43	121363	77.35	ug/L	100
14) Carbon disulfide	2.296	76	317669	45.75	ug/L	100
15) Methyl Acetate	2.441	43	111488	41.99	ug/L	91
16) Methylene chloride	2.511	84	121518	48.67	ug/L	85
17) trans-1,2-Dichloroethene	2.762	96	117636	49.37	ug/L	91
18) Methyl tert-butyl Ether	2.772	73	374535	48.54	ug/L	97
19) 1,1-Dichloroethane	3.193	63	207318	46.28	ug/L	99
20) cis-1,2-Dichloroethene	3.917	96	127566	49.94	ug/L	92
22) 2-Butanone	3.984	43	173343	90.96	ug/L	97
23) Bromochloromethane	4.254	128	70193	52.02	ug/L #	78
25) Chloroform	4.383	83	232362	48.80	ug/L	97
27) 1,2-Dichloroethane	5.135	62	190471	48.17	ug/L	98
29) Cyclohexane	4.682	56	177195	46.09	ug/L	89
30) 1,1,1-Trichloroethane	4.614	97	221671	50.84	ug/L	95
31) Carbon tetrachloride	4.833	117	192012	51.50	ug/L	99
33) Benzene	5.103	78	468655	49.18	ug/L	100
34) Trichloroethene	5.916	95	136453	49.31	ug/L	95
35) Methylcyclohexane	6.138	83	199340	50.65	ug/L	94
37) 1,2-Dichloropropane	6.180	63	115048	47.17	ug/L #	95
38) Bromodichloromethane	6.515	83	171725	48.30	ug/L	97
39) cis-1,3-Dichloropropene	7.032	75	194417	50.07	ug/L	99
40) 4-Methyl-2-pentanone	7.232	43	316741	86.27	ug/L #	93
42) Toluene	7.392	91	516887	50.59	ug/L	98
44) trans-1,3-Dichloropropene	7.656	75	196140	49.80	ug/L	99

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

45) 1,1,2-Trichloroethane	7.842	97	122664	50.08	ug/L	96
46) Tetrachloroethene	7.981	164	110881	54.64	ug/L	95
48) 2-Hexanone	8.145	43	249581	85.96	ug/L #	92
49) Dibromochloromethane	8.251	129	143812	52.62	ug/L	98
50) 1,2-Dibromoethane	8.357	107	135263	51.28	ug/L #	100
51) Chlorobenzene	8.887	112	349662	51.16	ug/L	96
52) Ethylbenzene	9.016	91	594369	51.07	ug/L	98
53) m,p-Xylene	9.145	106	228922	53.32	ug/L	95
54) o-xylene	9.550	106	221415	52.66	ug/L	98
55) Styrene	9.566	104	385220	52.97	ug/L	99
56) Isopropylbenzene	9.936	105	599422	52.57	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.248	83	185335	48.82	ug/L #	97
59) 1,2,3-Trichloropropane	10.280	75	162515	48.25	ug/L	99
61) Bromoform	9.736	173	107298	53.72	ug/L #	99
62) 1,3-Dichlorobenzene	11.186	146	299806	51.17	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	307424	51.09	ug/L	98
65) 1,2-Dichlorobenzene	11.649	146	301920	51.17	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.434	75	46447	46.79	ug/L #	78
67) 1,3,5-Trichlorobenzene	12.653	180	240131	54.02	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	218030	55.29	ug/L	97
69) Naphthalene	13.511	128	603271	53.97	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	212370	55.53	ug/L	99

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

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