

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
 Data File : VV020013.D
 Acq On : 14 Jan 2021 19:42
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05067

Quant Time: Jan 15 01:11:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 13:06:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	374052	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	358320	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	195593	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	127036	40.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.52%		
7) Chloroethane-d5	1.569	69	113623	45.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.24%		
11) 1,1-Dichloroethene-d2	2.113	63	278572	44.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.66%		
21) 2-Butanone-d5	3.897	46	219383	107.18	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.18%		
24) Chloroform-d	4.354	84	269562	47.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.86%		
26) 1,2-Dichloroethane-d4	5.039	65	185243	47.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.88%		
32) Benzene-d6	5.055	84	465310	46.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.02%		
36) 1,2-Dichloropropane-d6	6.074	67	150107	47.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.08%		
41) Toluene-d8	7.321	98	414468	45.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.44%		
43) trans-1,3-Dichloroprop...	7.627	79	71726	43.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.56%		
47) 2-Hexanone-d5	8.093	63	138460	109.38	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.38%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	217294	50.91	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.82%		
64) 1,2-Dichlorobenzene-d4	11.633	152	174583	46.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.42%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	167747	46.41	ug/L	100
3) Chloromethane	1.241	50	170912	49.34	ug/L	100
5) Vinyl chloride	1.312	62	172037	49.07	ug/L	99
6) Bromomethane	1.524	94	108753	49.74	ug/L	100
8) Chloroethane	1.585	64	112486	52.13	ug/L	97
9) Trichlorofluoromethane	1.753	101	253885	51.55	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	135687	49.60	ug/L	96
12) 1,1-Dichloroethene	2.119	96	135218	51.26	ug/L	88
13) Acetone	2.190	43	164354	90.88	ug/L	97
14) Carbon disulfide	2.296	76	352867	45.02	ug/L	100
15) Methyl Acetate	2.437	43	165735	54.01	ug/L	100
16) Methylene chloride	2.511	84	142990	51.01	ug/L	99
17) trans-1,2-Dichloroethene	2.762	96	130526	49.37	ug/L	99
18) Methyl tert-butyl Ether	2.772	73	440496	51.16	ug/L	98
19) 1,1-Dichloroethane	3.193	63	259343	51.30	ug/L	99
20) cis-1,2-Dichloroethene	3.916	96	141430	50.09	ug/L	96
22) 2-Butanone	3.978	43	236333	108.46	ug/L	94
23) Bromochloromethane	4.251	128	73494	49.81	ug/L	96
25) Chloroform	4.379	83	271444	51.07	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	238633	53.73	ug/L	99
29) Cyclohexane	4.682	56	204331	48.23	ug/L	97
30) 1,1,1-Trichloroethane	4.614	97	233987	49.64	ug/L	99
31) Carbon tetrachloride	4.836	117	194199	48.32	ug/L	100
33) Benzene	5.106	78	548725	52.75	ug/L	100
34) Trichloroethene	5.920	95	148125	49.69	ug/L	99
35) Methylcyclohexane	6.135	83	206728	48.53	ug/L	100
37) 1,2-Dichloropropane	6.177	63	147610	54.71	ug/L	98
38) Bromodichloromethane	6.514	83	196810	50.50	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	217461	51.47	ug/L	99
40) 4-Methyl-2-pentanone	7.231	43	460121	110.99	ug/L	98
42) Toluene	7.392	91	565146	51.02	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	214766	50.11	ug/L	99
45) 1,1,2-Trichloroethane	7.842	97	139950	52.77	ug/L	99
46) Tetrachloroethene	7.981	164	104278	48.73	ug/L	98
48) 2-Hexanone	8.145	43	356273	109.25	ug/L	98
49) Dibromochloromethane	8.251	129	146232	49.93	ug/L	96
50) 1,2-Dibromoethane	8.357	107	147040	51.68	ug/L	98
51) Chlorobenzene	8.887	112	362453	49.40	ug/L	99
52) Ethylbenzene	9.016	91	632836	50.31	ug/L	100
53) m,p-Xylene	9.145	106	231641	50.42	ug/L	100
54) o-xylene	9.550	106	228499	50.51	ug/L	99
55) Styrene	9.566	104	405766	51.89	ug/L	99
56) Isopropylbenzene	9.936	105	612142	50.03	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.247	83	220138	53.02	ug/L	100
59) 1,2,3-Trichloropropane	10.280	75	191037	52.06	ug/L	98
61) Bromoform	9.736	173	96404	48.41	ug/L	99
62) 1,3-Dichlorobenzene	11.186	146	290026	49.41	ug/L	99
63) 1,4-Dichlorobenzene	11.280	146	299599	49.74	ug/L	98
65) 1,2-Dichlorobenzene	11.649	146	294624	49.83	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.434	75	52173	50.73	ug/L	96
67) 1,3,5-Trichlorobenzene	12.652	180	215588	48.91	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	190697	48.93	ug/L	97
69) Naphthalene	13.511	128	595583	52.83	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	191422	50.60	ug/L	99

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

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