

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040121\
 Data File : VV020868.D
 Acq On : 02 Apr 2021 03:33
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05068

Quant Time: Apr 02 08:33:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 08:30:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	701870	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	678247	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	389476	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	180338	36.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.38%		
7) Chloroethane-d5	1.571	69	151390	40.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.38%		
11) 1,1-Dichloroethene-d2	2.111	63	408304	43.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.86%		
21) 2-Butanone-d5	3.896	46	293756	90.61	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.61%		
24) Chloroform-d	4.352	84	489242	49.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.80%		
26) 1,2-Dichloroethane-d4	5.037	65	320562	49.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.26%		
32) Benzene-d6	5.053	84	862007	47.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.36%		
36) 1,2-Dichloropropane-d6	6.072	67	252516	45.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.00%		
41) Toluene-d8	7.320	98	829415	49.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.58%		
43) trans-1,3-Dichloroprop...	7.625	79	142214	48.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.32%		
47) 2-Hexanone-d5	8.091	63	228967	98.39	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.39%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	378546	46.82	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.64%		
64) 1,2-Dichlorobenzene-d4	11.632	152	371776	49.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.36%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	276561	42.06	ug/L	100
3) Chloromethane	1.243	50	187800	35.77	ug/L	99
5) Vinyl chloride	1.314	62	214481	40.00	ug/L	99
6) Bromomethane	1.523	94	143041	42.31	ug/L	96
8) Chloroethane	1.587	64	127114	41.03	ug/L	98
9) Trichlorofluoromethane	1.754	101	436241	47.59	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	207644	47.13	ug/L	94
12) 1,1-Dichloroethene	2.117	96	190801	46.58	ug/L	95
13) Acetone	2.188	43	176005	76.13	ug/L	99
14) Carbon disulfide	2.294	76	548649	40.51	ug/L	97
15) Methyl Acetate	2.436	43	200638	41.57	ug/L	93
16) Methylene chloride	2.510	84	226192	45.28	ug/L	91
17) trans-1,2-Dichloroethene	2.761	96	215956	45.98	ug/L	95
18) Methyl tert-butyl Ether	2.770	73	693426	47.62	ug/L	98
19) 1,1-Dichloroethane	3.195	63	391116	44.82	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	258235	51.39	ug/L	93
22) 2-Butanone	3.979	43	274906	81.24	ug/L	94
23) Bromochloromethane	4.249	128	132786	49.09	ug/L	86
25) Chloroform	4.378	83	446062	48.06	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	358289	48.32	ug/L	98
29) Cyclohexane	4.680	56	310621	40.49	ug/L	91
30) 1,1,1-Trichloroethane	4.613	97	431285	51.41	ug/L	98
31) Carbon tetrachloride	4.831	117	392829	52.43	ug/L	100
33) Benzene	5.101	78	859533	45.95	ug/L	100
34) Trichloroethene	5.918	95	278846	54.38	ug/L	96
35) Methylcyclohexane	6.133	83	347709	44.19	ug/L	95
37) 1,2-Dichloropropane	6.178	63	212061	43.23	ug/L	97
38) Bromodichloromethane	6.513	83	337234	48.95	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	337083	44.51	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	565663	85.98	ug/L	95
42) Toluene	7.391	91	962839	47.35	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	348109	45.64	ug/L	97
45) 1,1,2-Trichloroethane	7.844	97	234629	48.62	ug/L	96
46) Tetrachloroethene	7.979	164	208271	48.66	ug/L	97
48) 2-Hexanone	8.143	43	444074	88.42	ug/L #	97
49) Dibromochloromethane	8.249	129	290172	51.62	ug/L	100
50) 1,2-Dibromoethane	8.355	107	255212	49.38	ug/L	98
51) Chlorobenzene	8.886	112	648032	47.48	ug/L	97
52) Ethylbenzene	9.017	91	1090760	47.01	ug/L	98
53) m,p-Xylene	9.143	106	415590	48.15	ug/L	97
54) o-xylene	9.548	106	408502	49.11	ug/L	97
55) Styrene	9.564	104	726923	49.73	ug/L	98
56) Isopropylbenzene	9.937	105	1124580	49.09	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	360183	45.75	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	301459	47.06	ug/L	98
61) Bromoform	9.735	173	223425	50.53	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	541462	45.56	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	546425	44.20	ug/L	99
65) 1,2-Dichlorobenzene	11.648	146	558304	47.66	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	92208	46.56	ug/L	88
67) 1,3,5-Trichlorobenzene	12.651	180	413407	44.87	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	356188	45.60	ug/L	99
69) Naphthalene	13.509	128	1095390	48.99	ug/L	99
70) 1,2,3-Trichlorobenzene	13.750	180	380825	48.68	ug/L	99

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

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