

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120720\
 Data File : VV019492.D
 Acq On : 07 Dec 2020 15:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Dec 08 02:59:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 07 16:45:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	338672	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327285	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	164939	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111175	52.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.46%
7) Chloroethane-d5	1.58	69	116635	54.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.06%
11) 1,1-Dichloroethene-d2	2.12	63	251068	51.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.92%
21) 2-Butanone-d5	3.90	46	172618	107.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.09%
24) Chloroform-d	4.37	84	251755	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.08%
26) 1,2-Dichloroethane-d4	5.05	65	169014	51.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.00%
32) Benzene-d6	5.07	84	480262	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.02%
36) 1,2-Dichloropropane-d6	6.09	67	159583	51.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.48%
41) Toluene-d8	7.33	98	428331	54.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.52%
43) trans-1,3-Dichloropropene-	7.64	79	78071	52.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.06%
47) 2-Hexanone-d5	8.10	63	105685	115.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.71%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	196866	53.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.52%
64) 1,2-Dichlorobenzene-d4	11.64	152	152340	50.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.82%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	75544	50.744	ug/L 99
3) Chloromethane	1.25	50	83030	50.475	ug/L 97
5) Vinyl chloride	1.32	62	103995	51.947	ug/L 99
6) Bromomethane	1.53	94	102716	57.541	ug/L 98
8) Chloroethane	1.59	64	81503	52.624	ug/L 97
9) Trichlorofluoromethane	1.76	101	168421	51.393	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	98311	51.053	ug/L 99
12) 1,1-Dichloroethene	2.13	96	90172	49.909	ug/L 97
13) Acetone	2.18	43	145569	75.828	ug/L 98
14) Carbon disulfide	2.31	76	248281	50.334	ug/L 99
15) Methyl Acetate	2.44	43	165492	53.898	ug/L 100
16) Methylene chloride	2.52	84	124127	49.384	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	102900	50.061	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	402164	52.968	ug/L 99
19) 1,1-Dichloroethane	3.21	63	246714	51.104	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	122732	51.293	ug/L 97
22) 2-Butanone	3.98	43	234564	100.139	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	61212	51.504	ug/L	96
25) Chloroform	4.40	83	243764	51.081	ug/L	100
27) 1,2-Dichloroethane	5.15	62	197457	50.726	ug/L	99
29) Cyclohexane	4.70	56	181554	54.180	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	204087	51.997	ug/L	100
31) Carbon tetrachloride	4.85	117	167256	51.938	ug/L	98
33) Benzene	5.12	78	490537	52.775	ug/L	100
34) Trichloroethene	5.94	95	132782	51.012	ug/L	98
35) Methylcyclohexane	6.15	83	164754	53.357	ug/L	98
37) 1,2-Dichloropropane	6.20	63	146124	52.809	ug/L	100
38) Bromodichloromethane	6.53	83	187508	52.533	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	215582	55.475	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	459390	111.945	ug/L	99
42) Toluene	7.41	91	505231	54.087	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	214751	54.483	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	128879	51.989	ug/L	99
46) Tetrachloroethene	7.99	164	82387	52.543	ug/L	97
48) 2-Hexanone	8.15	43	354615	107.484	ug/L	98
49) Dibromochloromethane	8.26	129	133981	52.169	ug/L	99
50) 1,2-Dibromoethane	8.37	107	126771	51.839	ug/L	99
51) Chlorobenzene	8.90	112	313415	51.511	ug/L	100
52) Ethylbenzene	9.03	91	549502	54.079	ug/L	100
53) m,p-Xylene	9.16	106	196215	54.399	ug/L	99
54) o-xylene	9.56	106	195206	55.802	ug/L	99
55) Styrene	9.58	104	356848	56.931	ug/L	99
56) Isopropylbenzene	9.95	105	534607	56.307	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	204517	54.306	ug/L	97
59) 1,2,3-Trichloropropane	10.29	75	180441	52.625	ug/L	99
61) Bromoform	9.75	173	95305	51.640	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	239662	50.776	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	250058	50.472	ug/L	97
65) 1,2-Dichlorobenzene	11.66	146	248756	51.256	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	48869	50.995	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	176491	49.765	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	162655	52.196	ug/L	100
69) Naphthalene	13.52	128	457326	55.868	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	170448	52.960	ug/L	100

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

