

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018961.D
 Acq On : 19 Oct 2020 10:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05094

Quant Time: Oct 20 01:01:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 19 17:16:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	310809	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	310644	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168719	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	101802	39.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.58%
7) Chloroethane-d5	1.57	69	89990	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.78%
11) 1,1-Dichloroethene-d2	2.12	63	225675	46.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.46%
21) 2-Butanone-d5	3.90	46	167219	93.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.77%
24) Chloroform-d	4.37	84	209433	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
26) 1,2-Dichloroethane-d4	5.05	65	140900	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
32) Benzene-d6	5.07	84	386831	42.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.32%
36) 1,2-Dichloropropane-d6	6.09	67	126280	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.10%
41) Toluene-d8	7.33	98	354928	43.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.26%
43) trans-1,3-Dichloropropene-	7.64	79	64217	45.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.62%
47) 2-Hexanone-d5	8.10	63	97246	90.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.28%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	154199	45.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	147755	43.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.08%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	133189	49.489	ug/L 100
3) Chloromethane	1.25	50	151425	49.889	ug/L 100
5) Vinyl chloride	1.32	62	150021	51.139	ug/L 99
6) Bromomethane	1.53	94	92284	51.560	ug/L 99
8) Chloroethane	1.59	64	94024	53.439	ug/L 98
9) Trichlorofluoromethane	1.76	101	207873	53.685	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	115405	57.236	ug/L 99
12) 1,1-Dichloroethene	2.13	96	112103	54.864	ug/L 92
13) Acetone	2.18	43	140474	107.799	ug/L 98
14) Carbon disulfide	2.31	76	360839	51.835	ug/L 99
15) Methyl Acetate	2.44	43	135807	50.733	ug/L 99
16) Methylene chloride	2.52	84	127717	52.102	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	118541	52.262	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	375750	52.432	ug/L 100
19) 1,1-Dichloroethane	3.21	63	234951	53.244	ug/L 99
20) cis-1,2-Dichloroethene	3.93	96	124134	51.636	ug/L 98
22) 2-Butanone	3.98	43	184962	104.393	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	62518	50.355	uq/L	97
25) Chloroform	4.40	83	221659	49.954	uq/L	98
27) 1,2-Dichloroethane	5.15	62	177261	48.902	uq/L	98
29) Cyclohexane	4.70	56	180426	48.873	uq/L	98
30) 1,1,1-Trichloroethane	4.63	97	193396	50.173	uq/L	99
31) Carbon tetrachloride	4.85	117	169635	51.707	uq/L	99
33) Benzene	5.12	78	460688	48.379	uq/L	100
34) Trichloroethene	5.94	95	129747	47.248	uq/L	99
35) Methylcyclohexane	6.15	83	165109	49.645	uq/L	99
37) 1,2-Dichloropropane	6.19	63	122691	48.129	uq/L	99
38) Bromodichloromethane	6.53	83	162188	49.625	uq/L	98
39) cis-1,3-Dichloropropene	7.05	75	182378	47.613	uq/L	99
40) 4-Methyl-2-pentanone	7.24	43	330840	94.110	uq/L	99
42) Toluene	7.41	91	495286	50.358	uq/L	99
44) trans-1,3-Dichloropropene	7.67	75	189607	51.080	uq/L	98
45) 1,1,2-Trichloroethane	7.86	97	112877	47.603	uq/L	99
46) Tetrachloroethene	7.99	164	96207	49.712	uq/L	98
48) 2-Hexanone	8.15	43	259421	93.071	uq/L	99
49) Dibromochloromethane	8.26	129	125781	50.104	uq/L	98
50) 1,2-Dibromoethane	8.37	107	117492	47.545	uq/L	100
51) Chlorobenzene	8.90	112	314351	49.025	uq/L	99
52) Ethylbenzene	9.03	91	536868	50.425	uq/L	100
53) m,p-Xylene	9.16	106	203815	51.384	uq/L	100
54) o-xylene	9.56	106	192618	50.758	uq/L	100
55) Styrene	9.58	104	349250	52.324	uq/L	99
56) Isopropylbenzene	9.95	105	515562	51.751	uq/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	149459	46.420	uq/L	99
59) 1,2,3-Trichloropropane	10.29	75	144304	46.766	uq/L	98
61) Bromoform	9.75	173	91302	49.538	uq/L	98
62) 1,3-Dichlorobenzene	11.20	146	256067	48.957	uq/L	100
63) 1,4-Dichlorobenzene	11.29	146	264668	48.130	uq/L	100
65) 1,2-Dichlorobenzene	11.67	146	252781	47.902	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	34262	43.568	uq/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	174638	49.705	uq/L	99
68) 1,2,4-trichlorobenzene	13.28	180	162318	50.136	uq/L	99
69) Naphthalene	13.52	128	455629	49.590	uq/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	166425	51.426	uq/L	99

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

