

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018616.D
 Acq On : 02 Oct 2020 11:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05099

Quant Time: Oct 03 00:45:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 02 18:26:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	284385	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	284559	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161635	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87866	52.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.36%
7) Chloroethane-d5	1.58	69	74335	53.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.12	63	195752	57.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	115.20%
21) 2-Butanone-d5	3.90	46	117042	94.08	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.08%
24) Chloroform-d	4.37	84	182815	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.38%
26) 1,2-Dichloroethane-d4	5.05	65	116828	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.06%
32) Benzene-d6	5.07	84	342261	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.96%
36) 1,2-Dichloropropane-d6	6.09	67	103550	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.10%
41) Toluene-d8	7.34	98	326020	48.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.16%
43) trans-1,3-Dichloropropene-	7.64	79	54993	46.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.48%
47) 2-Hexanone-d5	8.11	63	75469	91.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.23%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	136320	47.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	142015	45.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.38%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	97321	50.330	ug/L 100
3) Chloromethane	1.25	50	96100	46.447	ug/L 99
5) Vinyl chloride	1.32	62	105627	48.556	ug/L 100
6) Bromomethane	1.53	94	73466	49.620	ug/L 100
8) Chloroethane	1.59	64	70543	52.623	ug/L 100
9) Trichlorofluoromethane	1.76	101	195300	59.070	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	104450	56.445	ug/L 100
12) 1,1-Dichloroethene	2.13	96	98177	55.302	ug/L 95
13) Acetone	2.18	43	110793	103.079	ug/L 98
14) Carbon disulfide	2.31	76	281725	48.988	ug/L 100
15) Methyl Acetate	2.44	43	98580	47.607	ug/L 100
16) Methylene chloride	2.52	84	106902	50.172	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	101899	50.163	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	309940	50.077	ug/L 99
19) 1,1-Dichloroethane	3.21	63	181260	50.962	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	109784	50.853	ug/L 98
22) 2-Butanone	3.99	43	137600	101.340	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	60541	50.997	ug/L	98
25) Chloroform	4.40	83	198754	52.922	ug/L	97
27) 1,2-Dichloroethane	5.15	62	155552	53.139	ug/L	100
29) Cyclohexane	4.70	56	152223	46.903	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	181215	51.296	ug/L	99
31) Carbon tetrachloride	4.85	117	164813	51.983	ug/L	99
33) Benzene	5.12	78	410149	49.061	ug/L	100
34) Trichloroethene	5.94	95	118787	48.943	ug/L	98
35) Methylcyclohexane	6.15	83	152973	46.723	ug/L	100
37) 1,2-Dichloropropane	6.20	63	106958	49.868	ug/L	99
38) Bromodichloromethane	6.53	83	147775	51.446	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	166184	49.384	ug/L	97
40) 4-Methyl-2-pentanone	7.24	43	272190	98.348	ug/L	100
42) Toluene	7.41	91	458212	50.666	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	170917	51.704	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	105860	49.857	ug/L	99
46) Tetrachloroethene	8.00	164	98346	49.947	ug/L	99
48) 2-Hexanone	8.16	43	217277	100.618	ug/L	98
49) Dibromochloromethane	8.27	129	124086	51.095	ug/L	98
50) 1,2-Dibromoethane	8.37	107	113139	50.117	ug/L	98
51) Chlorobenzene	8.90	112	302937	49.515	ug/L	98
52) Ethylbenzene	9.03	91	507233	50.222	ug/L	99
53) m,p-Xylene	9.16	106	197907	50.704	ug/L	99
54) o-xylene	9.56	106	188630	51.045	ug/L	100
55) Styrene	9.58	104	336756	52.336	ug/L	96
56) Isopropylbenzene	9.95	105	498064	50.255	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	148000	49.451	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	130973	50.202	ug/L	99
61) Bromoform	9.75	173	93064	50.125	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	260180	49.738	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	268669	49.877	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	256648	49.594	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	33964	48.077	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	170447	47.039	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	160381	47.566	ug/L	99
69) Naphthalene	13.52	128	480367	49.769	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	162879	48.121	ug/L	100

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

