

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082820\
 Data File : VV018128.D
 Acq On : 28 Aug 2020 10:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05089

Quant Time: Aug 29 00:33:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 15:18:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	277964	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	278893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153918	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87204	41.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.24%
7) Chloroethane-d5	1.58	69	79960	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.16%
11) 1,1-Dichloroethene-d2	2.12	63	185122	45.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.26%
21) 2-Butanone-d5	3.91	46	129780	93.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.43%
24) Chloroform-d	4.37	84	184110	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.38%
26) 1,2-Dichloroethane-d4	5.05	65	119731	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.50%
32) Benzene-d6	5.07	84	353744	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.04%
36) 1,2-Dichloropropane-d6	6.09	67	115513	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.94%
41) Toluene-d8	7.33	98	325851	47.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.28%
43) trans-1,3-Dichloropropene-	7.64	79	56432	49.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.02%
47) 2-Hexanone-d5	8.11	63	74374	92.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.23%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	154536	47.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	140654	46.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.86%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	94044	43.823	ug/L 100
3) Chloromethane	1.25	50	108466	43.511	ug/L 98
5) Vinyl chloride	1.32	62	112161	45.412	ug/L 98
6) Bromomethane	1.53	94	68213	46.209	ug/L 99
8) Chloroethane	1.60	64	75508	47.898	ug/L 100
9) Trichlorofluoromethane	1.77	101	166645	47.233	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	98919	50.214	ug/L 98
12) 1,1-Dichloroethene	2.13	96	90666	48.626	ug/L 97
13) Acetone	2.19	43	171026	119.204	ug/L 99
14) Carbon disulfide	2.31	76	235533	45.896	ug/L 99
15) Methyl Acetate	2.45	43	106401	45.954	ug/L 100
16) Methylene chloride	2.52	84	108088	45.502	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	92924	48.482	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	311572	49.153	ug/L 100
19) 1,1-Dichloroethane	3.21	63	190158	49.341	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	104092	49.421	ug/L 98
22) 2-Butanone	3.99	43	179478	111.509	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	55698	50.621	ug/L	98
25) Chloroform	4.40	83	195535	49.743	ug/L	99
27) 1,2-Dichloroethane	5.15	62	150649	48.149	ug/L	98
29) Cyclohexane	4.70	56	153834	45.702	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	164574	48.154	ug/L	99
31) Carbon tetrachloride	4.85	117	141532	49.745	ug/L	99
33) Benzene	5.12	78	412582	47.816	ug/L	100
34) Trichloroethene	5.94	95	107707	47.224	ug/L	98
35) Methylcyclohexane	6.15	83	159027	46.891	ug/L	99
37) 1,2-Dichloropropane	6.19	63	110981	47.164	ug/L	100
38) Bromodichloromethane	6.53	83	145906	49.920	ug/L	100
39) cis-1,3-Dichloropropene	7.04	75	170749	51.187	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	284718	92.558	ug/L	100
42) Toluene	7.41	91	438502	48.702	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	168949	53.380	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	105434	48.383	ug/L	100
46) Tetrachloroethene	7.99	164	83808	50.104	ug/L	98
48) 2-Hexanone	8.15	43	247485	99.771	ug/L	98
49) Dibromochloromethane	8.26	129	116633	54.834	ug/L	98
50) 1,2-Dibromoethane	8.37	107	108505	48.126	ug/L	98
51) Chlorobenzene	8.90	112	286438	49.465	ug/L	99
52) Ethylbenzene	9.03	91	486778	49.584	ug/L	100
53) m,p-Xylene	9.16	106	182862	50.644	ug/L	98
54) o-xylene	9.56	106	176087	49.349	ug/L	98
55) Styrene	9.58	104	320512	52.452	ug/L	99
56) Isopropylbenzene	9.95	105	481382	51.138	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	160463	47.287	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	134758	46.371	ug/L	100
61) Bromoform	9.75	173	84154	57.783	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	241861	49.415	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	248401	49.403	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	244045	48.443	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	33731	45.444	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	192713	51.831	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	174969	53.525	ug/L	99
69) Naphthalene	13.52	128	450645	50.016	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	176258	53.020	ug/L	99

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

