

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018482.D
 Acq On : 28 Sep 2020 10:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05090

Quant Time: Sep 29 00:45:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 28 17:37:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	362709	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	346339	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	187736	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	130283	44.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.14%
7) Chloroethane-d5	1.58	69	106904	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.12	63	243092	44.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.66%
21) 2-Butanone-d5	3.90	46	167771	92.73	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.73%
24) Chloroform-d	4.37	84	235220	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.72%
26) 1,2-Dichloroethane-d4	5.05	65	144882	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.14%
32) Benzene-d6	5.07	84	464852	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.76%
36) 1,2-Dichloropropane-d6	6.09	67	149272	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.76%
41) Toluene-d8	7.33	98	427818	47.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.70%
43) trans-1,3-Dichloropropene-	7.64	79	76696	47.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.82%
47) 2-Hexanone-d5	8.10	63	116846	97.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.92%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	191447	48.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	178462	46.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.58%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	124179	46.952	ug/L 100
3) Chloromethane	1.25	50	137073	47.463	ug/L 100
5) Vinyl chloride	1.32	62	144721	48.867	ug/L 99
6) Bromomethane	1.53	94	91081	50.317	ug/L 98
8) Chloroethane	1.60	64	90367	48.710	ug/L 100
9) Trichlorofluoromethane	1.76	101	201129	49.360	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	127927	52.267	ug/L 100
12) 1,1-Dichloroethene	2.13	96	120839	50.740	ug/L 94
13) Acetone	2.19	43	195715	135.090	ug/L 99
14) Carbon disulfide	2.31	76	328612	45.093	ug/L 100
15) Methyl Acetate	2.44	43	132029	50.710	ug/L 97
16) Methylene chloride	2.52	84	136772	51.208	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	126307	51.463	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	408663	53.827	ug/L 99
19) 1,1-Dichloroethane	3.21	63	239370	51.583	ug/L 99
20) cis-1,2-Dichloroethene	3.93	96	140866	53.691	ug/L 96
22) 2-Butanone	3.99	43	219982	128.227	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	71932	52.401	ug/L	98
25) Chloroform	4.40	83	242462	51.401	ug/L	99
27) 1,2-Dichloroethane	5.15	62	182108	49.870	ug/L	99
29) Cyclohexane	4.70	56	209709	52.436	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	214306	53.318	ug/L	99
31) Carbon tetrachloride	4.85	117	184380	52.169	ug/L	99
33) Benzene	5.12	78	528580	53.380	ug/L	100
34) Trichloroethene	5.94	95	147331	54.618	ug/L	99
35) Methylcyclohexane	6.15	83	205191	50.521	ug/L	99
37) 1,2-Dichloropropane	6.19	63	141869	54.066	ug/L	100
38) Bromodichloromethane	6.53	83	182168	53.348	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	225157	55.691	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	357818	112.404	ug/L	98
42) Toluene	7.41	91	574275	54.801	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	218729	55.565	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	134311	55.224	ug/L	100
46) Tetrachloroethene	7.99	164	114293	54.038	ug/L	99
48) 2-Hexanone	8.15	43	305595	121.767	ug/L	98
49) Dibromochloromethane	8.26	129	148013	54.218	ug/L	99
50) 1,2-Dibromoethane	8.37	107	140149	54.753	ug/L	99
51) Chlorobenzene	8.90	112	373030	54.813	ug/L	99
52) Ethylbenzene	9.03	91	638625	55.820	ug/L	99
53) m,p-Xylene	9.16	106	241081	56.455	ug/L	97
54) o-xylene	9.56	106	234629	57.032	ug/L	98
55) Styrene	9.58	104	413508	57.829	ug/L	100
56) Isopropylbenzene	9.95	105	628944	56.725	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	198565	55.193	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	168701	54.662	ug/L	100
61) Bromoform	9.75	173	112292	55.678	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	310491	55.619	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	319752	55.725	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	305932	54.218	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	44299	55.634	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	224100	50.921	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	211296	53.915	ug/L	99
69) Naphthalene	13.52	128	628282	63.358	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	209363	54.239	ug/L	100

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

