

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016761.D
 Acq On : 10 Jun 2020 11:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Jun 11 01:36:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 01:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	389772	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	367499	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	192785	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	133613	48.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.16%
7) Chloroethane-d5	1.56	69	84713	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.66%
11) 1,1-Dichloroethene-d2	2.12	63	220514	47.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.50%
21) 2-Butanone-d5	3.89	46	191613	94.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.13%
24) Chloroform-d	4.37	84	261110	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
26) 1,2-Dichloroethane-d4	5.05	65	175983	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
32) Benzene-d6	5.07	84	500856	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.56%
36) 1,2-Dichloropropane-d6	6.09	67	155396	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.12%
41) Toluene-d8	7.33	98	464594	47.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.58%
43) trans-1,3-Dichloropropene-	7.64	79	82969	48.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.48%
47) 2-Hexanone-d5	8.11	63	127796	88.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	202892	46.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	189993	46.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.13	85	157896	51.096	ug/L	100
3) Chloromethane	1.25	50	135893	48.088	ug/L	99
5) Vinyl chloride	1.32	62	135521	48.766	ug/L	98
6) Bromomethane	1.52	94	52569	45.419	ug/L	99
8) Chloroethane	1.58	64	70101	51.067	ug/L	100
9) Trichlorofluoromethane	1.76	101	206934	49.759	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	102886	49.648	ug/L	99
12) 1,1-Dichloroethene	2.13	96	92682	47.909	ug/L	97
13) Acetone	2.17	43	153486	114.438	ug/L	100
14) Carbon disulfide	2.30	76	335695	47.927	ug/L	100
15) Methyl Acetate	2.44	43	146957	49.160	ug/L	98
16) Methylene chloride	2.52	84	137365	48.389	ug/L	99
17) trans-1,2-Dichloroethene	2.77	96	129412	49.063	ug/L	100
18) Methyl tert-butyl Ether	2.78	73	438680	50.193	ug/L	99
19) 1,1-Dichloroethane	3.21	63	244947	49.335	ug/L	99
20) cis-1,2-Dichloroethene	3.93	96	139494	48.510	ug/L	100
22) 2-Butanone	3.98	43	226194	109.365	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	73664	48.630	ug/L	96
25) Chloroform	4.40	83	254372	49.852	ug/L	98
27) 1,2-Dichloroethane	5.15	62	213407	49.892	ug/L	100
29) Cyclohexane	4.70	56	223715	48.988	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	235462	50.241	ug/L	99
31) Carbon tetrachloride	4.85	117	203873	50.284	ug/L	99
33) Benzene	5.12	78	526152	48.390	ug/L	100
34) Trichloroethene	5.93	95	144357	49.502	ug/L	99
35) Methylcyclohexane	6.15	83	230806	50.451	ug/L	98
37) 1,2-Dichloropropane	6.19	63	140165	49.569	ug/L	100
38) Bromodichloromethane	6.53	83	189718	50.401	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	228076	51.926	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	407727	101.757	ug/L	99
42) Toluene	7.41	91	569033	49.643	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	221081	51.773	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	134249	49.210	ug/L	98
46) Tetrachloroethene	7.99	164	116396	50.750	ug/L	98
48) 2-Hexanone	8.16	43	328434	105.715	ug/L	99
49) Dibromochloromethane	8.26	129	148416	50.881	ug/L	99
50) 1,2-Dibromoethane	8.37	107	141708	49.603	ug/L	99
51) Chlorobenzene	8.90	112	371019	49.612	ug/L	100
52) Ethylbenzene	9.03	91	647806	51.024	ug/L	98
53) m,p-Xylene	9.16	106	242798	51.362	ug/L	100
54) o-xylene	9.56	106	241880	51.881	ug/L	98
55) Styrene	9.58	104	408455	51.819	ug/L	99
56) Isopropylbenzene	9.95	105	649748	51.867	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	203084	48.553	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	173384	49.420	ug/L	99
61) Bromoform	9.75	173	100170	50.515	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	305650	50.056	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	304193	48.963	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	301233	49.227	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	46817	48.657	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	232969	51.165	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	216833	51.918	ug/L	99
69) Naphthalene	13.52	128	628642	52.328	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	213769	52.311	ug/L	98

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

