

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016471.D
 Acq On : 03 Jun 2020 20:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05094

Quant Time: Jun 04 01:22:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 01:16:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	375705	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	362088	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	189251	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	128382	48.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.48%
7) Chloroethane-d5	1.57	69	91869	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.64%
11) 1,1-Dichloroethene-d2	2.12	63	229620	48.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.36%
21) 2-Butanone-d5	3.89	46	188040	110.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.51%
24) Chloroform-d	4.38	84	257546	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.14%
26) 1,2-Dichloroethane-d4	5.06	65	171692	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.68%
32) Benzene-d6	5.07	84	503705	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.86%
36) 1,2-Dichloropropane-d6	6.09	67	156567	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.62%
41) Toluene-d8	7.34	98	453633	51.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	7.64	79	75333	51.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.30%
47) 2-Hexanone-d5	8.11	63	146318	113.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.05%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	212971	51.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	184494	51.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	153227	49.430	ug/L 99
3) Chloromethane	1.25	50	159788	53.500	ug/L 98
5) Vinyl chloride	1.32	62	141022	48.868	ug/L 98
6) Bromomethane	1.52	94	75032	49.980	ug/L 97
8) Chloroethane	1.59	64	80287	49.644	ug/L 97
9) Trichlorofluoromethane	1.76	101	207093	49.694	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	105129	48.502	ug/L 99
12) 1,1-Dichloroethene	2.13	96	99749	47.822	ug/L 93
13) Acetone	2.17	43	112562	70.781	ug/L 97
14) Carbon disulfide	2.31	76	347257	48.087	ug/L 99
15) Methyl Acetate	2.44	43	147363	50.416	ug/L 100
16) Methylene chloride	2.52	84	138826	47.210	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	130805	49.701	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	423252	51.947	ug/L 99
19) 1,1-Dichloroethane	3.21	63	245696	50.479	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	141014	49.648	ug/L 94
22) 2-Butanone	3.98	43	201095	101.904	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016471.D
 Acq On : 03 Jun 2020 20:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05094

Quant Time: Jun 04 01:22:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 01:16:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	74459	50.946	ug/L	99
25) Chloroform	4.40	83	253620	49.714	ug/L	98
27) 1,2-Dichloroethane	5.15	62	209329	50.498	ug/L	98
29) Cyclohexane	4.70	56	225332	52.433	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	226647	51.361	ug/L	98
31) Carbon tetrachloride	4.86	117	194110	51.147	ug/L	98
33) Benzene	5.13	78	539587	50.670	ug/L	100
34) Trichloroethene	5.94	95	140520	50.289	ug/L	96
35) Methylcyclohexane	6.15	83	219608	54.754	ug/L	99
37) 1,2-Dichloropropane	6.20	63	142457	51.324	ug/L	99
38) Bromodichloromethane	6.53	83	178829	50.143	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	214711	53.054	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	408260	106.897	ug/L	99
42) Toluene	7.41	91	575077	50.963	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	206681	52.051	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	135203	50.376	ug/L	99
46) Tetrachloroethene	8.00	164	109396	50.777	ug/L	98
48) 2-Hexanone	8.16	43	312397	105.214	ug/L	98
49) Dibromochloromethane	8.27	129	137969	52.877	ug/L	99
50) 1,2-Dibromoethane	8.37	107	144865	51.025	ug/L	99
51) Chlorobenzene	8.90	112	364590	49.160	ug/L	100
52) Ethylbenzene	9.03	91	636351	51.814	ug/L	100
53) m,p-Xylene	9.16	106	239513	51.720	ug/L	97
54) o-xylene	9.57	106	235237	52.450	ug/L	99
55) Styrene	9.58	104	410912	52.298	ug/L	100
56) Isopropylbenzene	9.95	105	632431	54.287	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	219647	51.017	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	178442	51.519	ug/L	98
61) Bromoform	9.75	173	87755	55.378	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	293844	50.113	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	298288	49.029	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	297725	50.445	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	45564	50.872	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	211758	53.679	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	191134	52.335	ug/L	98
69) Naphthalene	13.52	128	594415	53.026	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	191880	55.269	ug/L	99

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

