

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060420\
 Data File : VV016522.D
 Acq On : 04 Jun 2020 20:48
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05097

Quant Time: Jun 05 01:57:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 05 01:52:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	366479	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	351092	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	184169	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	97437	37.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.08%
7) Chloroethane-d5	1.56	69	80896	43.17	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.34%
11) 1,1-Dichloroethene-d2	2.12	63	188689	41.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.02%
21) 2-Butanone-d5	3.90	46	185886	112.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.00%
24) Chloroform-d	4.37	84	241302	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.08%
26) 1,2-Dichloroethane-d4	5.05	65	160435	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
32) Benzene-d6	5.07	84	455798	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
36) 1,2-Dichloropropane-d6	6.09	67	143050	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.64%
41) Toluene-d8	7.34	98	424156	49.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.32%
43) trans-1,3-Dichloropropene-	7.64	79	67956	47.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.16%
47) 2-Hexanone-d5	8.11	63	140866	112.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	206502	51.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	177994	51.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.86%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.13	85	147653	48.831	ug/L	98
3) Chloromethane	1.25	50	147197	50.525	ug/L	98
5) Vinyl chloride	1.32	62	130510	46.364	ug/L	99
6) Bromomethane	1.51	94	47370	32.348	ug/L	99
8) Chloroethane	1.58	64	68637	43.509	ug/L	96
9) Trichlorofluoromethane	1.75	101	191472	47.102	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	94207	44.557	ug/L	98
12) 1,1-Dichloroethene	2.13	96	88125	43.312	ug/L	94
13) Acetone	2.17	43	105337	67.906	ug/L	99
14) Carbon disulfide	2.30	76	327770	46.531	ug/L	99
15) Methyl Acetate	2.44	43	146338	51.326	ug/L	99
16) Methylene chloride	2.52	84	134840	47.009	ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	121645	47.384	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	404357	50.878	ug/L	100
19) 1,1-Dichloroethane	3.21	63	234023	49.291	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	133325	48.123	ug/L	94
22) 2-Butanone	3.98	43	194150	100.861	ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060420\
 Data File : VV016522.D
 Acq On : 04 Jun 2020 20:48
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05097

Quant Time: Jun 05 01:57:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 05 01:52:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	70613	49.530	ug/L	97
25) Chloroform	4.40	83	240992	48.428	ug/L	98
27) 1,2-Dichloroethane	5.15	62	199557	49.353	ug/L	99
29) Cyclohexane	4.70	56	213553	51.249	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	216158	50.519	ug/L	98
31) Carbon tetrachloride	4.85	117	184863	50.236	ug/L	99
33) Benzene	5.12	78	513577	49.738	ug/L	100
34) Trichloroethene	5.94	95	133221	49.171	ug/L	97
35) Methylcyclohexane	6.15	83	207702	53.408	ug/L	99
37) 1,2-Dichloropropane	6.20	63	133465	49.590	ug/L	99
38) Bromodichloromethane	6.53	83	172332	49.835	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	199267	50.780	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	390364	105.412	ug/L	99
42) Toluene	7.41	91	547647	50.053	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	197462	51.287	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	129465	49.748	ug/L	99
46) Tetrachloroethene	8.00	164	104742	50.140	ug/L	99
48) 2-Hexanone	8.16	43	300312	104.311	ug/L	99
49) Dibromochloromethane	8.27	129	134363	53.108	ug/L	100
50) 1,2-Dibromoethane	8.37	107	136195	49.474	ug/L	99
51) Chlorobenzene	8.90	112	355737	49.469	ug/L	99
52) Ethylbenzene	9.03	91	605748	50.867	ug/L	99
53) m,p-Xylene	9.16	106	228947	50.987	ug/L	100
54) o-xylene	9.57	106	227615	52.340	ug/L	98
55) Styrene	9.58	104	392980	51.583	ug/L	99
56) Isopropylbenzene	9.95	105	604225	53.490	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	208637	49.977	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	167279	49.809	ug/L	98
61) Bromoform	9.75	173	91125	59.092	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	286314	50.176	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	284245	48.010	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	294224	51.228	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	46674	53.549	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	212830	55.440	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	195575	55.029	ug/L	97
69) Naphthalene	13.53	128	603481	55.321	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	195380	57.830	ug/L	99

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

