

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016698.D
 Acq On : 09 Jun 2020 07:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Jun 10 00:27:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:29:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	370899	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	354158	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	175787	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	125309	47.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.76%
7) Chloroethane-d5	1.56	69	84644	53.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.12	63	215076	48.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.88%
21) 2-Butanone-d5	3.90	46	197681	102.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.05%
24) Chloroform-d	4.37	84	264479	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.06	65	182762	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.98%
32) Benzene-d6	5.07	84	503458	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
36) 1,2-Dichloropropane-d6	6.09	67	155303	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.60%
41) Toluene-d8	7.34	98	464668	49.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.64	79	76364	46.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.14%
47) 2-Hexanone-d5	8.11	63	142368	102.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.61%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	209608	49.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	188211	50.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.34%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	137596	46.793	ug/L 99
3) Chloromethane	1.25	50	132268	49.186	ug/L 100
5) Vinyl chloride	1.32	62	130424	49.320	ug/L 99
6) Bromomethane	1.51	94	44860	40.731	ug/L 100
8) Chloroethane	1.58	64	69503	53.208	ug/L 97
9) Trichlorofluoromethane	1.76	101	187881	47.477	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	88514	44.886	ug/L 98
12) 1,1-Dichloroethene	2.13	96	87171	47.353	ug/L 98
13) Acetone	2.17	43	106648	83.562	ug/L 98
14) Carbon disulfide	2.31	76	313008	46.962	ug/L 100
15) Methyl Acetate	2.44	43	141654	49.797	ug/L 98
16) Methylene chloride	2.52	84	131597	48.716	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	118928	47.383	ug/L 100
18) Methyl tert-butyl Ether	2.78	73	410057	49.305	ug/L 99
19) 1,1-Dichloroethane	3.21	63	231824	49.068	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	139239	50.885	ug/L 99
22) 2-Butanone	3.98	43	186510	94.766	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016698.D
 Acq On : 09 Jun 2020 07:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Jun 10 00:27:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:29:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	69723	48.370	ug/L	97
25) Chloroform	4.40	83	241046	49.645	ug/L	96
27) 1,2-Dichloroethane	5.15	62	201010	49.385	ug/L	99
29) Cyclohexane	4.70	56	203245	46.182	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	219097	48.510	ug/L	98
31) Carbon tetrachloride	4.85	117	188950	48.359	ug/L	98
33) Benzene	5.12	78	503013	48.004	ug/L	100
34) Trichloroethene	5.94	95	131273	46.711	ug/L	98
35) Methylcyclohexane	6.15	83	195379	44.316	ug/L	99
37) 1,2-Dichloropropane	6.20	63	132434	48.599	ug/L	100
38) Bromodichloromethane	6.53	83	178381	49.174	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	196539	46.431	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	383278	99.258	ug/L	100
42) Toluene	7.41	91	533064	48.257	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	189674	46.091	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	125654	47.795	ug/L	99
46) Tetrachloroethene	8.00	164	99812	45.159	ug/L	98
48) 2-Hexanone	8.16	43	293614	98.067	ug/L	98
49) Dibromochloromethane	8.27	129	138621	49.314	ug/L	100
50) 1,2-Dibromoethane	8.37	107	133219	48.388	ug/L	100
51) Chlorobenzene	8.90	112	341327	47.361	ug/L	99
52) Ethylbenzene	9.03	91	588441	48.094	ug/L	98
53) m,p-Xylene	9.16	106	218941	48.060	ug/L	99
54) o-xylene	9.56	106	216424	48.170	ug/L	98
55) Styrene	9.58	104	373845	49.215	ug/L	99
56) Isopropylbenzene	9.95	105	584446	48.411	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	195140	48.411	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	164350	48.610	ug/L	99
61) Bromoform	9.75	173	92912	51.386	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	269382	48.382	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	272307	48.068	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	278205	49.860	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	43701	49.810	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	195492	47.086	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	183018	48.059	ug/L	98
69) Naphthalene	13.53	128	560671	51.183	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	182292	48.922	ug/L	99

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

