

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018269.D
 Acq On : 17 Sep 2020 10:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Sep 18 06:06:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 16:43:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	311972	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	306986	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170631	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	99064	38.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.92%
7) Chloroethane-d5	1.58	69	82844	39.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.64%
11) 1,1-Dichloroethene-d2	2.12	63	201989	43.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.62%
21) 2-Butanone-d5	3.91	46	133225	85.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.61%
24) Chloroform-d	4.37	84	190969	43.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.58%
26) 1,2-Dichloroethane-d4	5.06	65	120548	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.26%
32) Benzene-d6	5.07	84	374417	42.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.09	67	117939	42.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.48%
41) Toluene-d8	7.34	98	350254	43.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.46%
43) trans-1,3-Dichloropropene-	7.64	79	61653	43.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.90%
47) 2-Hexanone-d5	8.11	63	99332	93.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.91%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	161842	46.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	147487	42.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.18%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	113508	49.897	ug/L 99
3) Chloromethane	1.25	50	126022	50.733	ug/L 100
5) Vinyl chloride	1.32	62	126309	49.586	ug/L 100
6) Bromomethane	1.53	94	78978	50.727	ug/L 99
8) Chloroethane	1.60	64	79620	49.897	ug/L 100
9) Trichlorofluoromethane	1.76	101	180223	51.423	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	109112	51.830	ug/L 99
12) 1,1-Dichloroethene	2.13	96	103041	50.303	ug/L 95
13) Acetone	2.20	43	123606	99.193	ug/L 99
14) Carbon disulfide	2.31	76	307170	49.006	ug/L 100
15) Methyl Acetate	2.45	43	110840	49.495	ug/L 99
16) Methylene chloride	2.52	84	114171	49.698	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	106584	50.489	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	326401	49.983	ug/L 100
19) 1,1-Dichloroethane	3.21	63	201578	50.504	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	115400	51.138	ug/L 97
22) 2-Butanone	4.00	43	164348	111.378	ug/L 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018269.D
 Acq On : 17 Sep 2020 10:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Sep 18 06:06:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 16:43:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	59394	50.304	ug/L	96
25) Chloroform	4.40	83	202587	49.933	ug/L	100
27) 1,2-Dichloroethane	5.15	62	158491	50.461	ug/L	98
29) Cyclohexane	4.70	56	184107	51.936	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	179846	50.480	ug/L	100
31) Carbon tetrachloride	4.85	117	158556	50.613	ug/L	99
33) Benzene	5.12	78	445715	50.782	ug/L	100
34) Trichloroethene	5.94	95	116075	48.547	ug/L	98
35) Methylcyclohexane	6.15	83	189305	52.585	ug/L	99
37) 1,2-Dichloropropane	6.20	63	116683	50.168	ug/L	100
38) Bromodichloromethane	6.53	83	151488	50.051	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	184741	51.552	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	290904	103.099	ug/L	100
42) Toluene	7.41	91	482171	51.910	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	178712	51.219	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	108587	50.371	ug/L	98
46) Tetrachloroethene	8.00	164	96260	51.347	ug/L	99
48) 2-Hexanone	8.16	43	242326	108.935	ug/L	99
49) Dibromochloromethane	8.27	129	122392	50.580	ug/L	100
50) 1,2-Dibromoethane	8.37	107	113848	50.179	ug/L	98
51) Chlorobenzene	8.90	112	308482	51.139	ug/L	100
52) Ethylbenzene	9.03	91	533635	52.623	ug/L	100
53) m,p-Xylene	9.16	106	202239	53.430	ug/L	96
54) o-xylene	9.56	106	193095	52.953	ug/L	99
55) Styrene	9.58	104	342903	54.102	ug/L	98
56) Isopropylbenzene	9.95	105	527684	53.694	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	173890	54.531	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	139091	50.845	ug/L	99
61) Bromoform	9.75	173	92132	50.261	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	258283	50.905	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	267633	51.318	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	259293	50.559	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	38959	53.833	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	205927	51.482	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	187295	52.582	ug/L	99
69) Naphthalene	13.52	128	522334	57.954	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	187666	53.492	ug/L	100

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

