

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091020\
 Data File : VV018190.D
 Acq On : 10 Sep 2020 19:41
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05097

Quant Time: Sep 11 01:35:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	291352	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	288993	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159063	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100700	42.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.82%
7) Chloroethane-d5	1.58	69	87226	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.78%
11) 1,1-Dichloroethene-d2	2.13	63	200491	46.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.06%
21) 2-Butanone-d5	3.91	46	145388	100.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.04%
24) Chloroform-d	4.38	84	193053	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	5.06	65	126781	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
32) Benzene-d6	5.08	84	386747	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.50%
36) 1,2-Dichloropropane-d6	6.09	67	123033	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.60%
41) Toluene-d8	7.34	98	353908	46.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.88%
43) trans-1,3-Dichloropropene-	7.64	79	60749	45.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.96%
47) 2-Hexanone-d5	8.11	63	101874	102.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.31%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	163973	49.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	153181	46.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.78%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	107769	50.727	ug/L 99
3) Chloromethane	1.25	50	118552	51.104	ug/L 99
5) Vinyl chloride	1.32	62	122057	51.308	ug/L 100
6) Bromomethane	1.53	94	75214	51.728	ug/L 98
8) Chloroethane	1.60	64	77243	51.834	ug/L 100
9) Trichlorofluoromethane	1.77	101	169182	51.689	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	102067	51.915	ug/L 99
12) 1,1-Dichloroethene	2.14	96	99302	51.909	ug/L 92
13) Acetone	2.20	43	98320	84.485	ug/L 100
14) Carbon disulfide	2.31	76	295321	50.450	ug/L 99
15) Methyl Acetate	2.45	43	108455	51.858	ug/L 99
16) Methylene chloride	2.52	84	110687	51.591	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	102673	52.079	ug/L 100
18) Methyl tert-butyl Ether	2.79	73	323094	52.979	ug/L 100
19) 1,1-Dichloroethane	3.21	63	195483	52.443	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	111406	52.862	ug/L 99
22) 2-Butanone	4.00	43	145391	105.505	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091020\
 Data File : VV018190.D
 Acq On : 10 Sep 2020 19:41
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05097

Quant Time: Sep 11 01:35:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	59379	53.851	ug/L	98
25) Chloroform	4.41	83	202804	53.524	ug/L	99
27) 1,2-Dichloroethane	5.16	62	155012	52.846	ug/L	99
29) Cyclohexane	4.71	56	172883	51.806	ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	172480	51.427	ug/L	100
31) Carbon tetrachloride	4.86	117	149969	50.853	ug/L	99
33) Benzene	5.13	78	436304	52.804	ug/L	100
34) Trichloroethene	5.94	95	115424	51.280	ug/L	98
35) Methylcyclohexane	6.16	83	174674	51.542	ug/L	100
37) 1,2-Dichloropropane	6.20	63	113047	51.631	ug/L	99
38) Bromodichloromethane	6.53	83	148319	52.055	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	177735	52.685	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	288404	108.577	ug/L	99
42) Toluene	7.41	91	466027	53.296	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	174057	52.991	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	106666	52.560	ug/L	99
46) Tetrachloroethene	8.00	164	92269	52.282	ug/L	96
48) 2-Hexanone	8.16	43	225900	107.873	ug/L	100
49) Dibromochloromethane	8.27	129	118672	52.096	ug/L	98
50) 1,2-Dibromoethane	8.37	107	113944	53.349	ug/L	99
51) Chlorobenzene	8.90	112	300637	52.941	ug/L	99
52) Ethylbenzene	9.03	91	513926	53.834	ug/L	100
53) m,p-Xylene	9.16	106	194865	54.688	ug/L	97
54) o-xylene	9.56	106	189653	55.247	ug/L	97
55) Styrene	9.58	104	334016	55.981	ug/L	99
56) Isopropylbenzene	9.95	105	506422	54.738	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	163685	54.526	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	137787	53.504	ug/L	100
61) Bromoform	9.75	173	86138	50.409	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	250459	52.953	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	257418	52.949	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	251034	52.509	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	34789	51.567	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	195818	52.515	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	181684	54.716	ug/L	99
69) Naphthalene	13.52	128	491829	58.538	ug/L	100
70) 1,2,3-Trichlorobenzene	13.76	180	183577	56.132	ug/L	100

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

