

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018529.D
 Acq On : 29 Sep 2020 20:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05092

Quant Time: Sep 30 01:52:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 01:47:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	435673	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	415317	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	227651	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126440	49.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.96%
7) Chloroethane-d5	1.58	69	104150	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.12	63	252074	48.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.84%
21) 2-Butanone-d5	3.92	46	207762	109.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.01%
24) Chloroform-d	4.38	84	269220	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.46%
26) 1,2-Dichloroethane-d4	5.06	65	172438	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.32%
32) Benzene-d6	5.08	84	544622	51.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.54%
36) 1,2-Dichloropropane-d6	6.09	67	168246	52.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.86%
41) Toluene-d8	7.34	98	511261	51.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.32%
43) trans-1,3-Dichloropropene-	7.64	79	87861	51.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.34%
47) 2-Hexanone-d5	8.11	63	138518	114.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.73%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	218062	51.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	220534	50.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.74%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	135098	45.605	ug/L 99
3) Chloromethane	1.25	50	152673	48.166	ug/L 97
5) Vinyl chloride	1.32	62	158423	47.537	ug/L 99
6) Bromomethane	1.53	94	109511	48.281	ug/L 98
8) Chloroethane	1.60	64	99283	48.344	ug/L 98
9) Trichlorofluoromethane	1.77	101	231977	45.799	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	131501	46.386	ug/L 99
12) 1,1-Dichloroethene	2.13	96	129869	47.751	ug/L 99
13) Acetone	2.20	43	142042	86.262	ug/L 100
14) Carbon disulfide	2.31	76	408797	46.400	ug/L 100
15) Methyl Acetate	2.45	43	156673	49.388	ug/L 99
16) Methylene chloride	2.52	84	157051	48.113	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	148855	47.832	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	471255	49.701	ug/L 99
19) 1,1-Dichloroethane	3.21	63	266391	48.889	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	163061	49.303	ug/L 96
22) 2-Butanone	4.00	43	215693	103.692	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018529.D
 Acq On : 29 Sep 2020 20:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05092

Quant Time: Sep 30 01:52:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 01:47:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	86499	47.561	ug/L	97
25) Chloroform	4.40	83	272011	47.277	ug/L	100
27) 1,2-Dichloroethane	5.15	62	215252	47.999	ug/L	98
29) Cyclohexane	4.70	56	239264	50.512	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	245245	47.565	ug/L	99
31) Carbon tetrachloride	4.86	117	218206	47.155	ug/L	100
33) Benzene	5.13	78	612778	50.222	ug/L	100
34) Trichloroethene	5.94	95	170488	48.129	ug/L	99
35) Methylcyclohexane	6.15	83	224884	47.061	ug/L	99
37) 1,2-Dichloropropane	6.20	63	156124	49.873	ug/L	99
38) Bromodichloromethane	6.53	83	201737	48.120	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	242030	49.278	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	428099	105.981	ug/L	100
42) Toluene	7.41	91	656912	49.768	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	242584	50.280	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	153114	49.409	ug/L	98
46) Tetrachloroethene	8.00	164	136975	47.664	ug/L	99
48) 2-Hexanone	8.16	43	329382	104.510	ug/L	97
49) Dibromochloromethane	8.27	129	167206	47.174	ug/L	100
50) 1,2-Dibromoethane	8.37	107	164067	49.795	ug/L	98
51) Chlorobenzene	8.90	112	441210	49.410	ug/L	99
52) Ethylbenzene	9.03	91	732383	49.684	ug/L	100
53) m,p-Xylene	9.16	106	280501	49.239	ug/L	100
54) o-xylene	9.56	106	272582	50.539	ug/L	100
55) Styrene	9.58	104	470425	50.092	ug/L	98
56) Isopropylbenzene	9.95	105	715361	49.456	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	216831	49.640	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	190786	50.105	ug/L	99
61) Bromoform	9.75	173	127458	48.742	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	352085	47.789	ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	366980	48.372	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	354639	48.657	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	50828	51.084	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	235143	46.076	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	234150	49.306	ug/L	99
69) Naphthalene	13.52	128	735296	54.090	ug/L	100
70) 1,2,3-Trichlorobenzene	13.76	180	229595	48.161	ug/L	100

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

