

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062220\
 Data File : VV017018.D
 Acq On : 22 Jun 2020 13:54
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069

Quant Time: Jun 23 03:25:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 23 03:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	344503	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	325640	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169756	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109225	44.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.86%
7) Chloroethane-d5	1.58	69	72129	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.90%
11) 1,1-Dichloroethene-d2	2.12	63	212145	51.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.94%
21) 2-Butanone-d5	3.91	46	181898	101.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.10%
24) Chloroform-d	4.38	84	259287	52.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.92%
26) 1,2-Dichloroethane-d4	5.06	65	173868	51.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.42%
32) Benzene-d6	5.08	84	481607	51.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.62%
36) 1,2-Dichloropropane-d6	6.09	67	146021	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.80%
41) Toluene-d8	7.34	98	449771	52.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.42%
43) trans-1,3-Dichloropropene-	7.64	79	79657	52.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.54%
47) 2-Hexanone-d5	8.11	63	119843	93.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	191967	49.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	185890	51.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.62%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	134065	49.085	ug/L 100
3) Chloromethane	1.25	50	116861	46.787	ug/L 98
5) Vinyl chloride	1.32	62	116604	47.473	ug/L 99
6) Bromomethane	1.53	94	67267	65.755	ug/L 98
8) Chloroethane	1.60	64	57286	47.215	ug/L 96
9) Trichlorofluoromethane	1.76	101	192362	52.334	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	100920	55.099	ug/L 98
12) 1,1-Dichloroethene	2.13	96	92890	54.326	ug/L 98
13) Acetone	2.19	43	150476	126.937	ug/L 97
14) Carbon disulfide	2.31	76	288640	46.624	ug/L 99
15) Methyl Acetate	2.45	43	133442	50.504	ug/L 97
16) Methylene chloride	2.52	84	130365	51.958	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	115598	49.585	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	418356	54.158	ug/L 99
19) 1,1-Dichloroethane	3.21	63	229301	52.253	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	133923	52.693	ug/L 98
22) 2-Butanone	3.99	43	200867	109.881	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	71744	53.586	ug/L	95
25) Chloroform	4.40	83	248640	55.132	ug/L	96
27) 1,2-Dichloroethane	5.16	62	209715	55.472	ug/L	97
29) Cyclohexane	4.70	56	192678	47.615	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	228327	54.981	ug/L	99
31) Carbon tetrachloride	4.86	117	203077	56.526	ug/L	99
33) Benzene	5.13	78	495578	51.437	ug/L	100
34) Trichloroethene	5.94	95	139418	53.954	ug/L	99
35) Methylcyclohexane	6.15	83	199036	49.099	ug/L	98
37) 1,2-Dichloropropane	6.20	63	129051	51.505	ug/L	98
38) Bromodichloromethane	6.53	83	185045	55.479	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	207158	53.226	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	376206	105.959	ug/L	98
42) Toluene	7.41	91	540193	53.185	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	212785	56.235	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	130376	53.934	ug/L	99
46) Tetrachloroethene	8.00	164	110305	54.277	ug/L	97
48) 2-Hexanone	8.16	43	300378	109.113	ug/L	98
49) Dibromochloromethane	8.27	129	148434	57.429	ug/L	100
50) 1,2-Dibromoethane	8.37	107	137827	54.446	ug/L	100
51) Chlorobenzene	8.90	112	350389	52.876	ug/L	99
52) Ethylbenzene	9.03	91	609497	54.177	ug/L	98
53) m,p-Xylene	9.16	106	223978	53.471	ug/L	96
54) o-xylene	9.56	106	225291	54.535	ug/L	98
55) Styrene	9.58	104	387876	55.533	ug/L	99
56) Isopropylbenzene	9.95	105	610481	54.997	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	189927	51.244	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	167454	53.865	ug/L	98
61) Bromoform	9.75	173	103545	59.301	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	289634	53.868	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	289487	52.917	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	296591	55.044	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	43336	51.149	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	215458	53.739	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	194538	52.899	ug/L	99
69) Naphthalene	13.52	128	576817	54.528	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	194820	54.142	ug/L	100

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

