

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\
 Data File : VV017248.D
 Acq On : 29 Jun 2020 19:08
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05074

Quant Time: Jun 30 07:45:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 07:40:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	360927	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340853	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	182247	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95722	37.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.18%
7) Chloroethane-d5	1.58	69	69506	45.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.96%
11) 1,1-Dichloroethene-d2	2.12	63	204298	47.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.54%
21) 2-Butanone-d5	3.91	46	168602	89.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.45%
24) Chloroform-d	4.38	84	245379	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
26) 1,2-Dichloroethane-d4	5.06	65	173685	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
32) Benzene-d6	5.08	84	440500	44.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.66%
36) 1,2-Dichloropropane-d6	6.09	67	134027	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.52%
41) Toluene-d8	7.34	98	420004	46.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.16%
43) trans-1,3-Dichloropropene-	7.64	79	73413	46.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.04%
47) 2-Hexanone-d5	8.11	63	117465	87.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.97%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184319	45.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	176322	45.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	176996	61.855	ug/L 99
3) Chloromethane	1.25	50	128753	49.202	ug/L 96
5) Vinyl chloride	1.32	62	129368	50.272	ug/L 98
6) Bromomethane	1.53	94	70523	65.801	ug/L 98
8) Chloroethane	1.60	64	60915	47.921	ug/L 98
9) Trichlorofluoromethane	1.76	101	211618	54.952	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	103015	53.683	ug/L 99
12) 1,1-Dichloroethene	2.13	96	94692	52.860	ug/L 97
13) Acetone	2.19	43	111614	89.870	ug/L 98
14) Carbon disulfide	2.31	76	309997	47.795	ug/L 99
15) Methyl Acetate	2.45	43	117785	42.550	ug/L 97
16) Methylene chloride	2.52	84	117398	44.661	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	113206	46.349	ug/L 94
18) Methyl tert-butyl Ether	2.78	73	373815	46.190	ug/L 98
19) 1,1-Dichloroethane	3.21	63	206633	44.945	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	122705	46.082	ug/L 97
22) 2-Butanone	3.99	43	159744	83.409	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	66235	47.220	ug/L	91
25) Chloroform	4.40	83	223479	47.298	ug/L	97
27) 1,2-Dichloroethane	5.15	62	190704	48.148	ug/L	97
29) Cyclohexane	4.71	56	183203	43.253	ug/L	95
30) 1,1,1-Trichloroethane	4.64	97	218699	50.312	ug/L	99
31) Carbon tetrachloride	4.86	117	196404	52.229	ug/L	99
33) Benzene	5.13	78	450823	44.703	ug/L	100
34) Trichloroethene	5.94	95	126199	46.659	ug/L	99
35) Methylcyclohexane	6.15	83	191771	45.196	ug/L	98
37) 1,2-Dichloropropane	6.20	63	114201	43.544	ug/L	98
38) Bromodichloromethane	6.53	83	165433	47.385	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	183400	45.019	ug/L	97
40) 4-Methyl-2-pentanone	7.24	43	320836	86.331	ug/L	98
42) Toluene	7.41	91	491864	46.265	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	190760	48.165	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	115088	45.484	ug/L	97
46) Tetrachloroethene	8.00	164	103376	48.597	ug/L	98
48) 2-Hexanone	8.16	43	250329	86.874	ug/L	98
49) Dibromochloromethane	8.27	129	137041	50.655	ug/L	100
50) 1,2-Dibromoethane	8.37	107	124003	46.799	ug/L	99
51) Chlorobenzene	8.90	112	324950	46.849	ug/L	97
52) Ethylbenzene	9.03	91	558539	47.432	ug/L	98
53) m,p-Xylene	9.16	106	209029	47.675	ug/L	98
54) o-xylene	9.56	106	207871	48.072	ug/L	97
55) Styrene	9.58	104	353994	48.420	ug/L	97
56) Isopropylbenzene	9.95	105	563765	48.521	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	171795	44.283	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	145359	44.671	ug/L	97
61) Bromoform	9.75	173	99729	53.201	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	263508	45.650	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	262774	44.741	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	264681	45.755	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	45537	50.063	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	195858	45.502	ug/L	97
68) 1,2,4-trichlorobenzene	13.28	180	182149	46.135	ug/L	98
69) Naphthalene	13.52	128	562681	49.546	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	185382	47.988	ug/L	99

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

