

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017224.D
 Acq On : 27 Jun 2020 08:54
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

Quant Time: Jun 29 00:13:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 29 00:10:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	353776	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	338154	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	175110	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102556	41.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.16%
7) Chloroethane-d5	1.58	69	65171	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.02%
11) 1,1-Dichloroethene-d2	2.13	63	207094	49.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.80%
21) 2-Butanone-d5	3.91	46	159231	86.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.18%
24) Chloroform-d	4.38	84	238586	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.06	65	164319	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
32) Benzene-d6	5.08	84	430642	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.36%
36) 1,2-Dichloropropane-d6	6.09	67	126630	41.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.34%
41) Toluene-d8	7.34	98	409172	45.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.48%
43) trans-1,3-Dichloropropene-	7.64	79	67688	42.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.54%
47) 2-Hexanone-d5	8.11	63	110543	83.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.45%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	175829	43.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	168327	45.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.08%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	171375	61.101	ug/L 98
3) Chloromethane	1.25	50	127552	49.728	ug/L 100
5) Vinyl chloride	1.32	62	123848	49.100	ug/L 99
6) Bromomethane	1.53	94	57153	54.404	ug/L 96
8) Chloroethane	1.60	64	55644	44.660	ug/L 96
9) Trichlorofluoromethane	1.76	101	209337	55.459	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	97514	51.844	ug/L 99
12) 1,1-Dichloroethene	2.14	96	90777	51.699	ug/L 93
13) Acetone	2.19	43	107462	88.275	ug/L 99
14) Carbon disulfide	2.31	76	300140	47.211	ug/L 100
15) Methyl Acetate	2.45	43	113798	41.941	ug/L 97
16) Methylene chloride	2.52	84	112672	43.729	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	107366	44.847	ug/L 96
18) Methyl tert-butyl Ether	2.78	73	357522	45.069	ug/L 98
19) 1,1-Dichloroethane	3.21	63	195615	43.408	ug/L 97
20) cis-1,2-Dichloroethene	3.94	96	116267	44.547	ug/L 99
22) 2-Butanone	3.99	43	153278	81.650	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	63705	46.334	ug/L	97
25) Chloroform	4.40	83	216826	46.818	ug/L	98
27) 1,2-Dichloroethane	5.16	62	189052	48.696	ug/L	97
29) Cyclohexane	4.71	56	173426	41.271	ug/L	96
30) 1,1,1-Trichloroethane	4.64	97	208265	48.294	ug/L	99
31) Carbon tetrachloride	4.86	117	186142	49.895	ug/L	100
33) Benzene	5.13	78	434155	43.394	ug/L	100
34) Trichloroethene	5.94	95	118654	44.219	ug/L	100
35) Methylcyclohexane	6.15	83	181335	43.077	ug/L	98
37) 1,2-Dichloropropane	6.20	63	109633	42.136	ug/L	98
38) Bromodichloromethane	6.53	83	162326	46.866	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	170175	42.106	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	308258	83.608	ug/L	98
42) Toluene	7.41	91	472119	44.763	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	173975	44.277	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	109770	43.729	ug/L	99
46) Tetrachloroethene	8.00	164	98180	46.523	ug/L	99
48) 2-Hexanone	8.16	43	239569	83.803	ug/L	98
49) Dibromochloromethane	8.27	129	131362	48.943	ug/L	100
50) 1,2-Dibromoethane	8.37	107	118666	45.142	ug/L	99
51) Chlorobenzene	8.90	112	311115	45.212	ug/L	99
52) Ethylbenzene	9.03	91	536009	45.882	ug/L	99
53) m,p-Xylene	9.16	106	198436	45.620	ug/L	97
54) o-xylene	9.56	106	198148	46.189	ug/L	99
55) Styrene	9.58	104	342152	47.174	ug/L	99
56) Isopropylbenzene	9.95	105	530828	46.051	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	167717	43.577	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	141127	43.716	ug/L	98
61) Bromoform	9.75	173	94853	52.662	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	248148	44.741	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	251486	44.565	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	253805	45.663	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	42642	48.791	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	182808	44.201	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	165739	43.690	ug/L	99
69) Naphthalene	13.52	128	528687	48.450	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	173656	46.785	ug/L	99

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

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