

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\
 Data File : VV017226.D
 Acq On : 29 Jun 2020 09:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05073

Quant Time: Jun 30 07:37:23 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	372118	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	352270	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	191940	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97647	37.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.38%
7) Chloroethane-d5	1.58	69	68726	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.24%
11) 1,1-Dichloroethene-d2	2.12	63	214533	48.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.32%
21) 2-Butanone-d5	3.90	46	168762	86.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.84%
24) Chloroform-d	4.37	84	251235	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.12%
26) 1,2-Dichloroethane-d4	5.05	65	172609	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
32) Benzene-d6	5.07	84	449336	44.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.50%
36) 1,2-Dichloropropane-d6	6.09	67	134519	42.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.00%
41) Toluene-d8	7.33	98	423291	45.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.86%
43) trans-1,3-Dichloropropene-	7.64	79	76602	46.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.94%
47) 2-Hexanone-d5	8.11	63	116276	84.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	185373	44.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	181487	44.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.62%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	192137	65.127	ug/L 99
3) Chloromethane	1.25	50	136790	50.701	ug/L 99
5) Vinyl chloride	1.32	62	134118	50.551	ug/L 98
6) Bromomethane	1.53	94	66163	59.876	ug/L 96
8) Chloroethane	1.60	64	62162	47.432	ug/L 99
9) Trichlorofluoromethane	1.76	101	230708	58.108	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	109906	55.552	ug/L 98
12) 1,1-Dichloroethene	2.13	96	99343	53.789	ug/L 99
13) Acetone	2.19	43	165068	128.913	ug/L 97
14) Carbon disulfide	2.31	76	338596	50.635	ug/L 99
15) Methyl Acetate	2.44	43	118615	41.561	ug/L 96
16) Methylene chloride	2.52	84	124639	45.989	ug/L 93
17) trans-1,2-Dichloroethene	2.78	96	116413	46.229	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	388515	46.562	ug/L 99
19) 1,1-Dichloroethane	3.21	63	214835	45.323	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	125607	45.753	ug/L 99
22) 2-Butanone	3.98	43	186682	94.543	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	68688	47.496	ug/L	94
25) Chloroform	4.40	83	235870	48.419	ug/L	100
27) 1,2-Dichloroethane	5.15	62	197801	48.438	ug/L	100
29) Cyclohexane	4.70	56	198973	45.453	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	227110	50.554	ug/L	98
31) Carbon tetrachloride	4.85	117	210071	54.053	ug/L	98
33) Benzene	5.12	78	474554	45.531	ug/L	100
34) Trichloroethene	5.94	95	130056	46.526	ug/L	97
35) Methylcyclohexane	6.15	83	209733	47.827	ug/L	97
37) 1,2-Dichloropropane	6.20	63	115810	42.727	ug/L	99
38) Bromodichloromethane	6.53	83	178045	49.345	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	195365	46.401	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	328360	85.492	ug/L	98
42) Toluene	7.41	91	515139	46.884	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	201276	49.173	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	117600	44.971	ug/L	97
46) Tetrachloroethene	8.00	164	110912	50.450	ug/L	97
48) 2-Hexanone	8.16	43	276235	92.757	ug/L	99
49) Dibromochloromethane	8.27	129	146901	52.539	ug/L	100
50) 1,2-Dibromoethane	8.37	107	129531	47.301	ug/L	99
51) Chlorobenzene	8.90	112	339806	47.403	ug/L	99
52) Ethylbenzene	9.03	91	586417	48.185	ug/L	99
53) m,p-Xylene	9.16	106	222316	49.062	ug/L	100
54) o-xylene	9.56	106	219055	49.017	ug/L	98
55) Styrene	9.58	104	370519	49.038	ug/L	96
56) Isopropylbenzene	9.95	105	595145	49.562	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	179957	44.884	ug/L	95
59) 1,2,3-Trichloropropane	10.30	75	152106	45.229	ug/L	99
61) Bromoform	9.75	173	108159	54.784	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	285898	47.027	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	286136	46.259	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	283054	46.460	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	47745	49.840	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	221240	48.803	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	194726	46.830	ug/L	98
69) Naphthalene	13.52	128	596152	49.842	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	204477	50.258	ug/L	100

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

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