

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
 Data File : VV017826.D
 Acq On : 07 Aug 2020 09:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05091

Quant Time: Aug 08 00:17:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 13:15:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	249107	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	245904	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145726	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52247	43.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.02%
7) Chloroethane-d5	1.58	69	48344	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.22%
11) 1,1-Dichloroethene-d2	2.12	63	144079	49.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.72%
21) 2-Butanone-d5	3.90	46	85900	94.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.04%
24) Chloroform-d	4.37	84	168955	50.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.78%
26) 1,2-Dichloroethane-d4	5.05	65	125586	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.58%
32) Benzene-d6	5.07	84	270682	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.06%
36) 1,2-Dichloropropane-d6	6.09	67	71425	44.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.90%
41) Toluene-d8	7.33	98	278461	48.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.62%
43) trans-1,3-Dichloropropene-	7.64	79	50182	47.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.52%
47) 2-Hexanone-d5	8.10	63	67134	97.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.21%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	113002	46.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	145341	50.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.62%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	123040	49.201	ug/L 99
3) Chloromethane	1.25	50	66153	39.643	ug/L 100
5) Vinyl chloride	1.32	62	78809	44.596	ug/L 99
6) Bromomethane	1.53	94	52167	49.630	ug/L 98
8) Chloroethane	1.60	64	50132	46.863	ug/L 98
9) Trichlorofluoromethane	1.76	101	198432	57.169	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	86471	53.845	ug/L 94
12) 1,1-Dichloroethene	2.13	96	76418	50.970	ug/L 94
13) Acetone	2.19	43	128371	110.661	ug/L 97
14) Carbon disulfide	2.31	76	209801	45.413	ug/L 100
15) Methyl Acetate	2.44	43	63049	41.791	ug/L 94
16) Methylene chloride	2.52	84	84896	48.022	ug/L 93
17) trans-1,2-Dichloroethene	2.78	96	82714	48.928	ug/L 95
18) Methyl tert-butyl Ether	2.78	73	280504	50.480	ug/L 97
19) 1,1-Dichloroethane	3.21	63	136107	46.138	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	89654	49.650	ug/L 89
22) 2-Butanone	3.98	43	110578	102.621	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	52823	51.780	ug/L	88
25) Chloroform	4.40	83	171384	50.130	ug/L	97
27) 1,2-Dichloroethane	5.15	62	158285	52.178	ug/L	98
29) Cyclohexane	4.70	56	105084	42.185	ug/L	90
30) 1,1,1-Trichloroethane	4.63	97	180290	50.855	ug/L	98
31) Carbon tetrachloride	4.85	117	167991	51.988	ug/L	100
33) Benzene	5.12	78	307606	46.121	ug/L	100
34) Trichloroethene	5.94	95	95401	50.328	ug/L	97
35) Methylcyclohexane	6.15	83	134419	48.340	ug/L	96
37) 1,2-Dichloropropane	6.20	63	65948	43.140	ug/L #	96
38) Bromodichloromethane	6.53	83	131907	48.515	ug/L	98
39) cis-1,3-Dichloropropene	7.04	75	128058	45.619	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	179654	86.227	ug/L	96
42) Toluene	7.41	91	365700	49.358	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	140999	48.943	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	83847	48.159	ug/L	97
46) Tetrachloroethene	7.99	164	88902	52.936	ug/L	98
48) 2-Hexanone	8.15	43	158435	93.466	ug/L	97
49) Dibromochloromethane	8.26	129	114378	50.225	ug/L	99
50) 1,2-Dibromoethane	8.37	107	96319	50.807	ug/L	98
51) Chlorobenzene	8.90	112	257357	50.628	ug/L	95
52) Ethylbenzene	9.03	91	424592	50.019	ug/L	99
53) m,p-Xylene	9.16	106	165352	50.814	ug/L	96
54) o-xylene	9.56	106	161793	51.379	ug/L	99
55) Styrene	9.58	104	288617	52.692	ug/L	99
56) Isopropylbenzene	9.95	105	454829	52.771	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	117613	46.412	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	104020	46.758	ug/L	97
61) Bromoform	9.75	173	81140	45.073	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	243556	52.300	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	246392	52.072	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	242507	51.797	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	36385	49.730	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	207475	56.974	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	188150	59.531	ug/L	99
69) Naphthalene	13.52	128	481990	57.810	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	183353	58.494	ug/L	99

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

