

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022020\
 Data File : VV014643.D
 Acq On : 20 Feb 2020 23:15
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Feb 21 03:38:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 21 03:31:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	264407	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	243485	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	121933	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48615	47.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.76%
7) Chloroethane-d5	1.58	69	37127	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.98%
11) 1,1-Dichloroethene-d2	2.13	63	89757	52.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.94%
21) 2-Butanone-d5	3.93	46	88303	104.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.87%
24) Chloroform-d	4.40	84	150568	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.70%
26) 1,2-Dichloroethane-d4	5.08	65	100380	54.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.30%
32) Benzene-d6	5.10	84	309563	53.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.32%
36) 1,2-Dichloropropane-d6	6.11	67	90764	51.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.50%
41) Toluene-d8	7.36	98	294261	52.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.06%
43) trans-1,3-Dichloropropene-	7.66	79	49434	51.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.24%
47) 2-Hexanone-d5	8.13	63	74380	106.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.13%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	124596	52.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.68%
64) 1,2-Dichlorobenzene-d4	11.67	152	113028	52.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.94%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	88521	47.176	ug/L 100
3) Chloromethane	1.25	50	49805	29.881	ug/L 96
5) Vinyl chloride	1.32	62	48930	41.306	ug/L 98
6) Bromomethane	1.54	94	23899	41.464	ug/L 99
8) Chloroethane	1.60	64	26432	44.428	ug/L 97
9) Trichlorofluoromethane	1.77	101	103427	50.542	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	42858	49.129	ug/L 99
12) 1,1-Dichloroethene	2.14	96	39281	48.441	ug/L 92
13) Acetone	2.20	43	53280	73.755	ug/L 97
14) Carbon disulfide	2.32	76	174325	43.916	ug/L 99
15) Methyl Acetate	2.46	43	65633	47.404	ug/L 99
16) Methylene chloride	2.54	84	80842	47.695	ug/L 96
17) trans-1,2-Dichloroethene	2.79	96	75011	46.893	ug/L 96
18) Methyl tert-butyl Ether	2.80	73	251183	48.967	ug/L 99
19) 1,1-Dichloroethane	3.23	63	136076	48.514	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	86887	46.982	ug/L 98
22) 2-Butanone	4.02	43	91611	84.580	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	43703	48.789	ug/L	98
25) Chloroform	4.42	83	158694	51.135	ug/L	98
27) 1,2-Dichloroethane	5.18	62	117057	51.160	ug/L	99
29) Cyclohexane	4.73	56	112736	46.251	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	136827	51.656	ug/L	100
31) Carbon tetrachloride	4.87	117	121509	50.803	ug/L	99
33) Benzene	5.14	78	310054	48.501	ug/L	100
34) Trichloroethene	5.95	95	128405	74.433	ug/L	98
35) Methylcyclohexane	6.17	83	126977	47.012	ug/L	98
37) 1,2-Dichloropropane	6.22	63	76778	48.639	ug/L	100
38) Bromodichloromethane	6.55	83	116427	50.299	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	135781	48.725	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	187833	96.331	ug/L	99
42) Toluene	7.43	91	336345	48.248	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	120694	47.957	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	80972	49.659	ug/L	98
46) Tetrachloroethene	8.02	164	63628	46.905	ug/L	97
48) 2-Hexanone	8.18	43	145683	95.831	ug/L	97
49) Dibromochloromethane	8.29	129	96915	49.870	ug/L	99
50) 1,2-Dibromoethane	8.39	107	88366	50.086	ug/L	99
51) Chlorobenzene	8.92	112	226930	48.691	ug/L	99
52) Ethylbenzene	9.05	91	383871	48.544	ug/L	99
53) m,p-Xylene	9.18	106	147919	47.913	ug/L	99
54) o-xylene	9.58	106	144044	48.814	ug/L	99
55) Styrene	9.60	104	245587	48.435	ug/L	99
56) Isopropylbenzene	9.97	105	385678	49.137	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	126811	49.228	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	101200	49.817	ug/L	100
61) Bromoform	9.77	173	65198	49.403	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	180833	49.038	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	182540	48.565	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	176429	48.706	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	30345	51.425	ug/L	91
67) 1,3,5-Trichlorobenzene	12.68	180	130906	49.363	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	120921	49.239	ug/L	99
69) Naphthalene	13.54	128	407412	52.318	ug/L	100
70) 1,2,3-Trichlorobenzene	13.78	180	126246	53.326	ug/L	99

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

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