

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020420\
 Data File : VV014493.D
 Acq On : 04 Feb 2020 10:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05091

Quant Time: Feb 05 01:03:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 05 00:35:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	408569	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	384526	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	187553	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88153	38.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.70%
7) Chloroethane-d5	1.58	69	64479	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.13	63	145266	47.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.92%
21) 2-Butanone-d5	3.92	46	158775	103.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.99%
24) Chloroform-d	4.39	84	229816	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
26) 1,2-Dichloroethane-d4	5.07	65	138321	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
32) Benzene-d6	5.09	84	468804	46.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.11	67	148753	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.88%
41) Toluene-d8	7.35	98	438687	46.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.86%
43) trans-1,3-Dichloropropene-	7.66	79	73753	45.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.60%
47) 2-Hexanone-d5	8.12	63	127089	101.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.40%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	194477	47.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.24%
64) 1,2-Dichlorobenzene-d4	11.67	152	163958	47.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.94%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	168767	49.408	ug/L 99
3) Chloromethane	1.25	50	182689	51.226	ug/L 100
5) Vinyl chloride	1.32	62	133836	46.701	ug/L 100
6) Bromomethane	1.53	94	48590	50.888	ug/L 98
8) Chloroethane	1.60	64	64251	51.059	ug/L 98
9) Trichlorofluoromethane	1.77	101	170576	51.695	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	82255	53.172	ug/L 98
12) 1,1-Dichloroethene	2.14	96	78569	50.552	ug/L 99
13) Acetone	2.18	43	83259	63.911	ug/L 99
14) Carbon disulfide	2.32	76	382426	50.098	ug/L 100
15) Methyl Acetate	2.45	43	135214	53.860	ug/L 100
16) Methylene chloride	2.53	84	147702	49.355	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	138391	51.336	ug/L 100
18) Methyl tert-butyl Ether	2.80	73	436015	52.582	ug/L 99
19) 1,1-Dichloroethane	3.23	63	250009	50.824	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	154180	51.280	ug/L 100
22) 2-Butanone	4.00	43	179618	95.686	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	71280	50.571	uq/L	97
25) Chloroform	4.42	83	251345	50.727	uq/L	99
27) 1,2-Dichloroethane	5.17	62	185178	52.566	uq/L	98
29) Cyclohexane	4.72	56	237804	50.621	uq/L	99
30) 1,1,1-Trichloroethane	4.65	97	215514	52.302	uq/L	99
31) Carbon tetrachloride	4.87	117	187850	52.249	uq/L	99
33) Benzene	5.14	78	567593	50.026	uq/L	100
34) Trichloroethene	5.96	95	146068	50.972	uq/L	98
35) Methylcyclohexane	6.17	83	238359	50.059	uq/L	99
37) 1,2-Dichloropropane	6.21	63	144311	50.897	uq/L	100
38) Bromodichloromethane	6.55	83	191740	50.507	uq/L	100
39) cis-1,3-Dichloropropene	7.06	75	226390	48.557	uq/L	100
40) 4-Methyl-2-pentanone	7.26	43	357386	104.259	uq/L	98
42) Toluene	7.42	91	601209	50.619	uq/L	99
44) trans-1,3-Dichloropropene	7.69	75	197651	47.736	uq/L	100
45) 1,1,2-Trichloroethane	7.87	97	136282	50.872	uq/L	99
46) Tetrachloroethene	8.01	164	108533	51.787	uq/L	97
48) 2-Hexanone	8.17	43	268216	100.029	uq/L	97
49) Dibromochloromethane	8.28	129	149837	50.836	uq/L	99
50) 1,2-Dibromoethane	8.39	107	144186	50.550	uq/L	98
51) Chlorobenzene	8.92	112	383515	50.476	uq/L	99
52) Ethylbenzene	9.05	91	671184	50.350	uq/L	100
53) m,p-Xylene	9.18	106	257553	51.742	uq/L	100
54) o-xylene	9.58	106	247013	50.081	uq/L	99
55) Styrene	9.60	104	429773	51.920	uq/L	99
56) Isopropylbenzene	9.97	105	649584	51.508	uq/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	213770	49.950	uq/L	100
59) 1,2,3-Trichloropropane	10.31	75	167978	50.132	uq/L	98
61) Bromoform	9.77	173	103890	53.015	uq/L	99
62) 1,3-Dichlorobenzene	11.22	146	293687	50.913	uq/L	99
63) 1,4-Dichlorobenzene	11.31	146	299423	50.422	uq/L	99
65) 1,2-Dichlorobenzene	11.68	146	283619	49.743	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	45685	50.404	uq/L	98
67) 1,3,5-Trichlorobenzene	12.68	180	205848	52.970	uq/L	98
68) 1,2,4-trichlorobenzene	13.30	180	188519	53.402	uq/L	100
69) Naphthalene	13.54	128	609635	54.531	uq/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	181118	53.244	uq/L	100

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

