

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110619\
 Data File : VV013505.D
 Acq On : 06 Nov 2019 18:21
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05093

Quant Time: Nov 07 02:49:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 07 01:53:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	935847	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	903592	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	473391	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	263172	48.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.04%
7) Chloroethane-d5	1.58	69	213212	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.58%
11) 1,1-Dichloroethene-d2	2.13	63	473929	49.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.90%
21) 2-Butanone-d5	3.92	46	430913	106.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.35%
24) Chloroform-d	4.40	84	589082	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.04%
26) 1,2-Dichloroethane-d4	5.08	65	377350	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.22%
32) Benzene-d6	5.10	84	1175746	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
36) 1,2-Dichloropropane-d6	6.11	67	378893	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.94%
41) Toluene-d8	7.36	98	1109186	50.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.04%
43) trans-1,3-Dichloropropene-	7.66	79	176138	49.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.06%
47) 2-Hexanone-d5	8.13	63	296511	104.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.55%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	471374	47.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.98%
64) 1,2-Dichlorobenzene-d4	11.67	152	452019	47.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	395551	50.786	ug/L 99
3) Chloromethane	1.25	50	385509	52.104	ug/L 99
5) Vinyl chloride	1.32	62	358752	51.891	ug/L 98
6) Bromomethane	1.53	94	174425	52.590	ug/L 99
8) Chloroethane	1.60	64	197493	50.987	ug/L 97
9) Trichlorofluoromethane	1.77	101	476597	51.932	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	259236	50.158	ug/L 99
12) 1,1-Dichloroethene	2.14	96	252671	51.216	ug/L 88
13) Acetone	2.18	43	309608	81.874	ug/L 98
14) Carbon disulfide	2.32	76	846619	49.036	ug/L 99
15) Methyl Acetate	2.45	43	363007	52.616	ug/L 100
16) Methylene chloride	2.53	84	342162	51.244	ug/L 98
17) trans-1,2-Dichloroethene	2.79	96	313923	51.102	ug/L 98
18) Methyl tert-butyl Ether	2.80	73	992771	52.999	ug/L 99
19) 1,1-Dichloroethane	3.23	63	611930	52.240	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	347184	51.762	ug/L 100
22) 2-Butanone	4.00	43	511592	102.132	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	184497	52.041	ug/L	97
25) Chloroform	4.42	83	607730	50.426	ug/L	97
27) 1,2-Dichloroethane	5.18	62	484434	52.452	ug/L	98
29) Cyclohexane	4.72	56	562118	54.149	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	521325	51.837	ug/L	99
31) Carbon tetrachloride	4.87	117	465514	51.909	ug/L	98
33) Benzene	5.14	78	1337178	52.119	ug/L	100
34) Trichloroethene	5.96	95	342648	50.257	ug/L	98
35) Methylcyclohexane	6.18	83	547245	52.069	ug/L	99
37) 1,2-Dichloropropane	6.22	63	353903	52.405	ug/L	99
38) Bromodichloromethane	6.55	83	455084	51.240	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	534529	52.106	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	956035	109.821	ug/L	100
42) Toluene	7.43	91	1417636	53.023	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	465353	52.127	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	326421	51.619	ug/L	99
46) Tetrachloroethene	8.02	164	294547	50.620	ug/L	99
48) 2-Hexanone	8.18	43	726461	105.670	ug/L	99
49) Dibromochloromethane	8.29	129	371964	51.161	ug/L	98
50) 1,2-Dibromoethane	8.39	107	336933	50.777	ug/L	97
51) Chlorobenzene	8.92	112	890268	50.098	ug/L	99
52) Ethylbenzene	9.05	91	1521777	52.457	ug/L	99
53) m,p-Xylene	9.18	106	579053	52.590	ug/L	99
54) o-xylene	9.58	106	568210	53.805	ug/L	99
55) Styrene	9.60	104	978210	53.582	ug/L	100
56) Isopropylbenzene	9.97	105	1488763	53.687	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	494888	51.830	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	409942	51.559	ug/L	99
61) Bromoform	9.77	173	281642	50.738	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	713961	49.761	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	718782	48.368	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	718640	50.017	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	96640	48.760	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	543469	48.483	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	466558	47.511	ug/L	99
69) Naphthalene	13.55	128	1278076	48.707	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	489221	46.909	ug/L	99

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

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