

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031219\
 Data File : VV009607.D
 Acq On : 12 Mar 2019 15:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

Quant Time: Mar 13 02:17:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 13 02:14:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	167825	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168005	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77479	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48294	48.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.24%
7) Chloroethane-d5	1.58	69	45744	44.25	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.50%
11) 1,1-Dichloroethene-d2	2.13	63	127857	48.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.58%
21) 2-Butanone-d5	3.93	46	73620	100.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.30%
24) Chloroform-d	4.40	84	106530	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.08	65	71038	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.96%
32) Benzene-d6	5.10	84	212663	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.36%
36) 1,2-Dichloropropane-d6	6.12	67	65650	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.52%
41) Toluene-d8	7.36	98	208537	49.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.66	79	33391	49.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.98%
47) 2-Hexanone-d5	8.13	63	54126	94.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96586	46.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.06%
64) 1,2-Dichlorobenzene-d4	11.67	152	79799	48.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.64%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	55297	52.104	ug/L 100
3) Chloromethane	1.25	50	51910	51.207	ug/L 99
5) Vinyl chloride	1.32	62	56236	52.027	ug/L 99
6) Bromomethane	1.52	94	47531	51.554	ug/L 100
8) Chloroethane	1.60	64	39539	46.970	ug/L 98
9) Trichlorofluoromethane	1.77	101	119819	52.287	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	65030	51.178	ug/L 98
12) 1,1-Dichloroethene	2.14	96	56885	52.331	ug/L 95
13) Acetone	2.19	43	64990	84.007	ug/L 97
14) Carbon disulfide	2.32	76	138453	51.055	ug/L 100
15) Methyl Acetate	2.46	43	51139	51.008	ug/L 99
16) Methylene chloride	2.54	84	53951	50.998	ug/L 95
17) trans-1,2-Dichloroethene	2.79	96	51039	51.485	ug/L 99
18) Methyl tert-butyl Ether	2.80	73	167495	52.572	ug/L 99
19) 1,1-Dichloroethane	3.23	63	94582	51.595	ug/L 98
20) cis-1,2-Dichloroethene	3.96	96	60277	52.272	ug/L 96
22) 2-Butanone	4.01	43	82065	97.740	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	30043	51.629	ug/L	97
25) Chloroform	4.43	83	107698	52.409	ug/L	96
27) 1,2-Dichloroethane	5.18	62	86724	53.863	ug/L	100
29) Cyclohexane	4.73	56	85675	52.387	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	94655	53.297	ug/L	99
31) Carbon tetrachloride	4.87	117	77471	52.271	ug/L	98
33) Benzene	5.15	78	217941	51.687	ug/L	100
34) Trichloroethene	5.96	95	57785	51.346	ug/L	95
35) Methylcyclohexane	6.18	83	95634	52.530	ug/L	98
37) 1,2-Dichloropropane	6.22	63	55890	52.004	ug/L	99
38) Bromodichloromethane	6.55	83	80784	53.303	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	94187	54.984	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	144893	100.306	ug/L	99
42) Toluene	7.43	91	247672	51.535	ug/L	96
44) trans-1,3-Dichloropropene	7.69	75	87284	54.266	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	58109	52.421	ug/L	99
46) Tetrachloroethene	8.02	164	47059	53.187	ug/L	96
48) 2-Hexanone	8.18	43	112843	98.034	ug/L	97
49) Dibromochloromethane	8.29	129	65918	53.430	ug/L	97
50) 1,2-Dibromoethane	8.40	107	62817	53.498	ug/L	99
51) Chlorobenzene	8.93	112	163703	50.740	ug/L	97
52) Ethylbenzene	9.05	91	280147	51.456	ug/L	99
53) m,p-Xylene	9.18	106	107224	51.407	ug/L	96
54) o-Xylene	9.59	106	108340	51.459	ug/L	95
55) Styrene	9.60	104	177225	51.955	ug/L	99
56) Isopropylbenzene	9.98	105	280805	51.225	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	97337	49.669	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	72793	49.954	ug/L	98
61) Bromoform	9.77	173	43925	50.281	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	123705	52.516	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	122995	52.974	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	126182	52.284	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	19522	53.518	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	81094	53.114	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	62470	59.114	ug/L	97
69) Naphthalene	13.55	128	171010	57.473	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	64802	58.210	ug/L	98

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

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