

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031819\
 Data File : VV009749.D
 Acq On : 18 Mar 2019 11:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05084

Quant Time: Mar 18 11:22:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 07:41:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	151396	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	149234	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69923	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50865	49.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.66%
7) Chloroethane-d5	1.56	69	39284	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.32%
11) 1,1-Dichloroethene-d2	2.13	63	108166	49.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.52%
21) 2-Butanone-d5	3.93	46	61204	100.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.66%
24) Chloroform-d	4.40	84	95312	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.64%
26) 1,2-Dichloroethane-d4	5.08	65	55708	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
32) Benzene-d6	5.10	84	195850	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.44%
36) 1,2-Dichloropropane-d6	6.12	67	57641	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.10%
41) Toluene-d8	7.36	98	191404	51.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.02%
43) trans-1,3-Dichloropropene-	7.66	79	28808	51.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.62%
47) 2-Hexanone-d5	8.13	63	45361	93.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.87%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89641	49.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.54%
64) 1,2-Dichlorobenzene-d4	11.67	152	71980	50.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.74%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	59574	53.124	ug/L 99
3) Chloromethane	1.25	50	52895	50.543	ug/L 97
5) Vinyl chloride	1.32	62	58043	51.647	ug/L 97
6) Bromomethane	1.51	94	30117	50.320	ug/L 100
8) Chloroethane	1.58	64	34034	49.817	ug/L 94
9) Trichlorofluoromethane	1.76	101	96493	51.279	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	54104	51.953	ug/L 99
12) 1,1-Dichloroethene	2.14	96	46392	51.399	ug/L 92
13) Acetone	2.19	43	60607	105.242	ug/L 98
14) Carbon disulfide	2.31	76	135924	51.643	ug/L 99
15) Methyl Acetate	2.46	43	46178	47.549	ug/L 98
16) Methylene chloride	2.53	84	54273	51.756	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	49425	51.129	ug/L 96
18) Methyl tert-butyl Ether	2.80	73	154650	50.616	ug/L 99
19) 1,1-Dichloroethane	3.23	63	86717	51.146	ug/L 98
20) cis-1,2-Dichloroethene	3.96	96	57354	51.820	ug/L 97
22) 2-Butanone	4.01	43	73447	101.058	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	28651	51.148	ug/L	96
25) Chloroform	4.42	83	94200	50.391	ug/L	96
27) 1,2-Dichloroethane	5.18	62	69761	50.153	ug/L	100
29) Cyclohexane	4.73	56	78684	49.267	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	84969	52.318	ug/L	99
31) Carbon tetrachloride	4.87	117	71161	53.038	ug/L	99
33) Benzene	5.15	78	206770	50.764	ug/L	100
34) Trichloroethene	5.96	95	54095	50.952	ug/L	100
35) Methylcyclohexane	6.18	83	87952	50.338	ug/L	97
37) 1,2-Dichloropropane	6.22	63	52763	50.796	ug/L	99
38) Bromodichloromethane	6.56	83	70289	51.496	ug/L #	99
39) cis-1,3-Dichloropropene	7.07	75	84679	53.367	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	129926	95.261	ug/L	99
42) Toluene	7.43	91	234670	51.697	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	77924	51.860	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	54256	50.497	ug/L	96
46) Tetrachloroethene	8.02	164	45309	51.124	ug/L	98
48) 2-Hexanone	8.19	43	107951	106.331	ug/L	95
49) Dibromochloromethane	8.29	129	63819	55.368	ug/L	95
50) 1,2-Dibromoethane	8.40	107	58317	52.054	ug/L #	97
51) Chlorobenzene	8.93	112	161858	53.108	ug/L	97
52) Ethylbenzene	9.06	91	263674	51.214	ug/L	99
53) m,p-Xylene	9.18	106	100822	50.689	ug/L	96
54) o-Xylene	9.59	106	103855	51.924	ug/L	100
55) Styrene	9.61	104	169481	51.986	ug/L	95
56) Isopropylbenzene	9.98	105	269479	51.776	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	94007	50.348	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	67492	49.384	ug/L	98
61) Bromoform	9.78	173	43711	52.590	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	116297	50.697	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	116647	50.403	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	119264	50.953	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	15722	48.358	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	79332	54.378	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	57834	56.561	ug/L	99
69) Naphthalene	13.55	128	146044	49.913	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	58483	57.053	ug/L	98

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

