

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008665.D
 Acq On : 20 Nov 2018 10:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDC50

Quant Time: Nov 20 12:01:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 23:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	276942	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	253177	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	117401	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55186	30.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.24%
7) Chloroethane-d5	1.57	69	41752	33.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.48%#
11) 1,1-Dichloroethene-d2	2.13	63	104881	33.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.08%
21) 2-Butanone-d5	3.93	46	155290	99.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.24%
24) Chloroform-d	4.40	84	173096	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.02%
26) 1,2-Dichloroethane-d4	5.08	65	111241	42.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.78%
32) Benzene-d6	5.10	84	284456	34.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.10%#
36) 1,2-Dichloropropane-d6	6.12	67	104933	39.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.26%
41) Toluene-d8	7.36	98	239640	32.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	64.66%#
43) trans-1,3-Dichloropropene-	7.67	79	49111	38.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.86%
47) 2-Hexanone-d5	8.14	63	106591	94.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	161644	47.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.72%
64) 1,2-Dichlorobenzene-d4	11.68	152	120199	44.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.74%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	101849	47.36	ug/L	99
3) Chloromethane	1.25	50	92030	48.54	ug/L	100
5) Vinyl chloride	1.33	62	93887	50.08	ug/L	96
6) Bromomethane	1.53	94	28164	45.52	ug/L	99
8) Chloroethane	1.59	64	49821	48.67	ug/L	97
9) Trichlorofluoromethane	1.76	101	127080	49.27	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	73220	49.69	ug/L	99
12) 1,1-Dichloroethene	2.14	96	66173	50.29	ug/L #	79
13) Acetone	2.20	43	154773	131.18	ug/L	98
14) Carbon disulfide	2.32	76	257060	47.74	ug/L	99
15) Methyl Acetate	2.46	43	106947	46.18	ug/L	99
16) Methylene chloride	2.54	84	97574	46.24	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	91269	48.40	ug/L	100
18) Methyl tert-butyl Ether	2.81	73	294108	45.41	ug/L	100
19) 1,1-Dichloroethane	3.23	63	172637	47.87	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	101852	47.52	ug/L	98
22) 2-Butanone	4.02	43	177852	104.01	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	49270	48.59	ug/L	95
25) Chloroform	4.43	83	174959	43.22	ug/L	98
27) 1,2-Dichloroethane	5.18	62	139767	47.79	ug/L	99
29) Cyclohexane	4.73	56	163905	45.21	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	148636	45.81	ug/L	99
31) Carbon tetrachloride	4.88	117	122448	43.64	ug/L	100
33) Benzene	5.15	78	384613	47.31	ug/L	100
34) Trichloroethene	5.96	95	98835	46.39	ug/L	98
35) Methylcyclohexane	6.18	83	168176	46.36	ug/L	98
37) 1,2-Dichloropropane	6.22	63	100975	45.92	ug/L	99
38) Bromodichloromethane	6.56	83	123255	44.52	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	144952	43.15	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	263972	89.43	ug/L	100
42) Toluene	7.43	91	399689	47.30	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	134424	43.55	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	92272	46.89	ug/L	99
46) Tetrachloroethene	8.02	164	74560	48.82	ug/L	93
48) 2-Hexanone	8.19	43	224423	98.94	ug/L	99
49) Dibromochloromethane	8.29	129	93361	44.81	ug/L	98
50) 1,2-Dibromoethane	8.40	107	96664	47.03	ug/L	98
51) Chlorobenzene	8.93	112	249325	47.22	ug/L	99
52) Ethylbenzene	9.06	91	437612	47.04	ug/L	100
53) m,p-Xylene	9.18	106	163294	47.96	ug/L	100
54) o-xylene	9.59	106	160423	47.54	ug/L	99
55) Styrene	9.60	104	269517	48.82	ug/L	99
56) Isopropylbenzene	9.98	105	426020	47.95	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	147428	46.21	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	119943	45.87	ug/L	99
61) Bromoform	9.78	173	59868	42.05	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	182857	46.95	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	185960	47.65	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	187783	47.15	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	29612	41.61	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	132430	49.63	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	108944	51.48	ug/L	99
69) Naphthalene	13.55	128	313267	50.56	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	111228	52.21	ug/L	99

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

