

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110118\
 Data File : VV008502.D
 Acq On : 01 Nov 2018 09:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05065

Quant Time: Nov 02 07:04:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM103118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 01 09:14:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	224667	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	202695	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94259	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60173	42.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.24%
7) Chloroethane-d5	1.57	69	40437	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.68%
11) 1,1-Dichloroethene-d2	2.13	63	101217	44.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.20%
21) 2-Butanone-d5	3.94	46	116728	84.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.41%
24) Chloroform-d	4.41	84	142008	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.58%
26) 1,2-Dichloroethane-d4	5.08	65	92872	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.66%
32) Benzene-d6	5.10	84	279411	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.04%
36) 1,2-Dichloropropane-d6	6.12	67	92726	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.80%
41) Toluene-d8	7.36	98	251528	44.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.72%
43) trans-1,3-Dichloropropene-	7.67	79	47184	45.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.08%
47) 2-Hexanone-d5	8.14	63	85179	81.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	120213	42.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.16%
64) 1,2-Dichlorobenzene-d4	11.68	152	90814	43.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.90%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	67598	40.800 ug/L	98
3) Chloromethane	1.25	50	62123	37.174 ug/L	100
5) Vinyl chloride	1.33	62	62920	40.444 ug/L	97
6) Bromomethane	1.53	94	16364	42.135 ug/L	98
8) Chloroethane	1.59	64	33158	41.688 ug/L	94
9) Trichlorofluoromethane	1.77	101	80685	42.882 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	44006	43.688 ug/L	99
12) 1,1-Dichloroethene	2.14	96	40822	43.959 ug/L	94
13) Acetone	2.20	43	101452	88.650 ug/L	100
14) Carbon disulfide	2.32	76	179741	40.156 ug/L	100
15) Methyl Acetate	2.46	43	74311	39.239 ug/L	100
16) Methylene chloride	2.54	84	64122	39.984 ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	59234	40.998 ug/L	97
18) Methyl tert-butyl Ether	2.81	73	209198	41.246 ug/L	99
19) 1,1-Dichloroethane	3.23	63	120145	41.731 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	68350	41.128 ug/L	92
22) 2-Butanone	4.02	43	124006	80.664 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	32000	42.121	ug/L	99
25) Chloroform	4.43	83	118086	41.449	ug/L	100
27) 1,2-Dichloroethane	5.18	62	95519	41.170	ug/L	100
29) Cyclohexane	4.73	56	116161	42.636	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	104463	43.418	ug/L	98
31) Carbon tetrachloride	4.88	117	89746	43.692	ug/L	99
33) Benzene	5.15	78	259988	42.611	ug/L	100
34) Trichloroethene	5.96	95	67071	42.635	ug/L	99
35) Methylcyclohexane	6.18	83	118048	43.920	ug/L	100
37) 1,2-Dichloropropane	6.23	63	71317	42.125	ug/L	100
38) Bromodichloromethane	6.56	83	90252	42.867	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	113691	42.915	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	191188	76.334	ug/L	100
42) Toluene	7.43	91	268760	42.593	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	105156	42.249	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	60641	41.053	ug/L	99
46) Tetrachloroethene	8.02	164	45667	42.309	ug/L	98
48) 2-Hexanone	8.19	43	159795	79.091	ug/L	99
49) Dibromochloromethane	8.29	129	68726	43.079	ug/L	99
50) 1,2-Dibromoethane	8.40	107	65089	41.601	ug/L #	98
51) Chlorobenzene	8.93	112	166387	41.866	ug/L	99
52) Ethylbenzene	9.06	91	299556	41.869	ug/L	99
53) m,p-Xylene	9.18	106	109914	41.282	ug/L	100
54) o-xylene	9.59	106	108202	41.177	ug/L	97
55) Styrene	9.61	104	180527	40.460	ug/L	98
56) Isopropylbenzene	9.98	105	288264	42.113	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	102936	38.605	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	82450	37.904	ug/L	99
61) Bromoform	9.78	173	46132	42.756	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	120032	40.535	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	120494	40.439	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	122543	41.473	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	23396	40.055	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	83925	43.280	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	67254	44.663	ug/L	99
69) Naphthalene	13.55	128	195992	42.676	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	67146	44.153	ug/L	100

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

