

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\
 Data File : VV007360.D
 Acq On : 05 Sep 2018 05:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05066

Quant Time: Sep 05 05:22:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 05 01:26:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	563314	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	542687	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	255439	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	193295	48.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.08%
7) Chloroethane-d5	1.57	69	120497	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.44%
11) 1,1-Dichloroethene-d2	2.13	63	345090	48.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.38%
21) 2-Butanone-d5	3.96	46	298282	91.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.14%
24) Chloroform-d	4.41	84	403673	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.09	65	245058	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
32) Benzene-d6	5.10	84	812741	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.38%
36) 1,2-Dichloropropane-d6	6.12	67	266105	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.10%
41) Toluene-d8	7.36	98	743974	52.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.68%
43) trans-1,3-Dichloropropene-	7.67	79	108025	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.54%
47) 2-Hexanone-d5	8.14	63	206206	95.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.97%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	361818	48.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.66%
64) 1,2-Dichlorobenzene-d4	11.68	152	274036	49.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.84%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	216517	48.43	ug/L	100
3) Chloromethane	1.26	50	228710	48.23	ug/L	99
5) Vinyl chloride	1.32	62	232509	48.36	ug/L	100
6) Bromomethane	1.53	94	109412	47.22	ug/L	99
8) Chloroethane	1.59	64	131797	53.42	ug/L	99
9) Trichlorofluoromethane	1.76	101	300613	49.39	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	181674	48.07	ug/L	100
12) 1,1-Dichloroethene	2.14	96	172778	48.50	ug/L	93
13) Acetone	2.20	43	165729	85.03	ug/L	97
14) Carbon disulfide	2.32	76	485230	48.07	ug/L	99
15) Methyl Acetate	2.47	43	203662	47.97	ug/L	99
16) Methylene chloride	2.54	84	206564	48.76	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	186749	48.05	ug/L	99
18) Methyl tert-butyl Ether	2.82	73	598905	49.21	ug/L	100
19) 1,1-Dichloroethane	3.23	63	392284	48.74	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	217235	48.57	ug/L	99
22) 2-Butanone	4.04	43	308109	94.39	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	115568	49.39	ug/L	98
25) Chloroform	4.43	83	389981	49.22	ug/L	100
27) 1,2-Dichloroethane	5.19	62	290942	49.04	ug/L	98
29) Cyclohexane	4.73	56	292426	48.60	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	321039	48.44	ug/L	100
31) Carbon tetrachloride	4.88	117	279320	48.69	ug/L	100
33) Benzene	5.15	78	881899	50.80	ug/L	100
34) Trichloroethene	5.96	95	205881	48.58	ug/L	99
35) Methylcyclohexane	6.18	83	311753	49.34	ug/L	100
37) 1,2-Dichloropropane	6.23	63	238592	50.01	ug/L	100
38) Bromodichloromethane	6.56	83	282140	48.44	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	299651	46.78	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	547591	99.36	ug/L	99
42) Toluene	7.44	91	889344	53.26	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	285399	47.65	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	219849	48.83	ug/L	100
46) Tetrachloroethene	8.02	164	168609	49.48	ug/L	99
48) 2-Hexanone	8.19	43	430208	100.10	ug/L	99
49) Dibromochloromethane	8.30	129	226662	49.08	ug/L	99
50) 1,2-Dibromoethane	8.40	107	219117	49.83	ug/L	99
51) Chlorobenzene	8.93	112	561461	49.79	ug/L	100
52) Ethylbenzene	9.06	91	891006	52.61	ug/L	100
53) m,p-Xylene	9.19	106	345903	53.35	ug/L	98
54) o-xylene	9.59	106	335813	53.27	ug/L	100
55) Styrene	9.61	104	614984	56.31	ug/L	98
56) Isopropylbenzene	9.98	105	855814	53.67	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	347676	48.82	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	280394	49.42	ug/L	100
61) Bromoform	9.78	173	163785	47.08	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	382693	49.32	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	416170	50.00	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	440440	50.77	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	66973	45.54	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	290532	48.79	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	229210	49.69	ug/L	100
69) Naphthalene	13.56	128	663252	49.82	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	271098	53.18	ug/L	99

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

