

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007441.D
 Acq On : 07 Sep 2018 00:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

Quant Time: Sep 07 01:35:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 01:29:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	499396	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	484709	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	247906	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	152391	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.44%
7) Chloroethane-d5	1.56	69	114480	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.98%
11) 1,1-Dichloroethene-d2	2.13	63	285915	45.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.00%
21) 2-Butanone-d5	3.96	46	250578	86.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.36%
24) Chloroform-d	4.41	84	353228	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.74%
26) 1,2-Dichloroethane-d4	5.09	65	215049	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
32) Benzene-d6	5.10	84	704390	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
36) 1,2-Dichloropropane-d6	6.12	67	231220	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.46%
41) Toluene-d8	7.36	98	654251	52.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.06%
43) trans-1,3-Dichloropropene-	7.67	79	97923	46.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.92%
47) 2-Hexanone-d5	8.14	63	186688	97.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	345704	51.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	266836	50.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.16%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	195117	49.23	ug/L	99
3) Chloromethane	1.26	50	232120	55.21	ug/L	100
5) Vinyl chloride	1.33	62	213217	50.02	ug/L	99
6) Bromomethane	1.51	94	83237	40.52	ug/L	98
8) Chloroethane	1.58	64	119430	54.60	ug/L	99
9) Trichlorofluoromethane	1.76	101	265369	49.18	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	161166	48.11	ug/L	99
12) 1,1-Dichloroethene	2.14	96	153441	48.58	ug/L	97
13) Acetone	2.20	43	157206	90.99	ug/L	99
14) Carbon disulfide	2.31	76	420116	46.94	ug/L	99
15) Methyl Acetate	2.46	43	185158	49.19	ug/L	99
16) Methylene chloride	2.53	84	182232	48.52	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	167008	48.47	ug/L	100
18) Methyl tert-butyl Ether	2.81	73	545378	50.54	ug/L	99
19) 1,1-Dichloroethane	3.23	63	318100	44.58	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	196516	49.56	ug/L	98
22) 2-Butanone	4.04	43	288814	99.81	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	102910	49.61	ug/L	99
25) Chloroform	4.43	83	353143	50.28	ug/L	100
27) 1,2-Dichloroethane	5.19	62	264345	50.26	ug/L	99
29) Cyclohexane	4.72	56	257943	48.00	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	290828	49.13	ug/L	99
31) Carbon tetrachloride	4.87	117	246437	48.10	ug/L	99
33) Benzene	5.15	78	793454	51.18	ug/L	100
34) Trichloroethene	5.96	95	179546	47.44	ug/L	98
35) Methylcyclohexane	6.18	83	269900	47.82	ug/L	99
37) 1,2-Dichloropropane	6.23	63	211949	49.74	ug/L	99
38) Bromodichloromethane	6.56	83	255361	49.08	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	274246	47.93	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	529469	107.57	ug/L	100
42) Toluene	7.43	91	799998	53.64	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	262653	49.10	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	201326	50.06	ug/L	99
46) Tetrachloroethene	8.02	164	154838	50.88	ug/L	96
48) 2-Hexanone	8.19	43	429635	111.92	ug/L	99
49) Dibromochloromethane	8.30	129	207370	50.27	ug/L	99
50) 1,2-Dibromoethane	8.40	107	198886	50.64	ug/L	99
51) Chlorobenzene	8.93	112	513946	51.03	ug/L	100
52) Ethylbenzene	9.06	91	793617	52.47	ug/L	99
53) m,p-Xylene	9.19	106	311437	53.78	ug/L	99
54) o-xylene	9.59	106	302478	53.72	ug/L	100
55) Styrene	9.61	104	566834	58.11	ug/L	100
56) Isopropylbenzene	9.98	105	767199	53.87	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	345492	54.32	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	271045	53.49	ug/L	99
61) Bromoform	9.78	173	153712	45.53	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	367226	48.76	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	404932	50.13	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	435237	51.70	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	66731	46.75	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	280786	48.59	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	217436	48.57	ug/L	99
69) Naphthalene	13.56	128	661116	51.16	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	256930	51.93	ug/L	99

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

