

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121318\
 Data File : VV008921.D
 Acq On : 13 Dec 2018 20:13
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Quant Time: Dec 14 01:15:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 14 01:09:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	209808	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	193138	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98851	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59387	48.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.94%
7) Chloroethane-d5	1.56	69	42192	54.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.44%
11) 1,1-Dichloroethene-d2	2.13	63	147805	51.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.16%
21) 2-Butanone-d5	3.93	46	91840	112.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.26%
24) Chloroform-d	4.40	84	134202	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.66%
26) 1,2-Dichloroethane-d4	5.08	65	84661	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
32) Benzene-d6	5.10	84	264747	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
36) 1,2-Dichloropropane-d6	6.12	67	81179	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.82%
41) Toluene-d8	7.36	98	255569	52.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.62%
43) trans-1,3-Dichloropropene-	7.67	79	39900	50.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.60%
47) 2-Hexanone-d5	8.13	63	66353	114.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.63%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	106960	52.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.94%
64) 1,2-Dichlorobenzene-d4	11.68	152	103852	50.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.88%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	75430	51.185 ug/L	98
3) Chloromethane	1.25	50	61625	49.838 ug/L	99
5) Vinyl chloride	1.33	62	65724	50.888 ug/L	99
6) Bromomethane	1.51	94	29416	42.569 ug/L	100
8) Chloroethane	1.58	64	35813	54.362 ug/L	98
9) Trichlorofluoromethane	1.76	101	119806	51.196 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	73328	51.208 ug/L	99
12) 1,1-Dichloroethene	2.14	96	66789	51.268 ug/L	95
13) Acetone	2.19	43	86066	69.964 ug/L	98
14) Carbon disulfide	2.32	76	170538	47.940 ug/L	100
15) Methyl Acetate	2.46	43	72393	54.375 ug/L	96
16) Methylene chloride	2.53	84	72408	49.914 ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	67084	50.884 ug/L	99
18) Methyl tert-butyl Ether	2.81	73	218363	52.031 ug/L	98
19) 1,1-Dichloroethane	3.23	63	120233	51.661 ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	77943	51.534 ug/L	100
22) 2-Butanone	4.02	43	95614	92.583 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	41057	51.868	ug/L	93
25) Chloroform	4.43	83	132619	51.114	ug/L	98
27) 1,2-Dichloroethane	5.18	62	101255	50.229	ug/L	99
29) Cyclohexane	4.73	56	104966	51.022	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	119605	50.540	ug/L	99
31) Carbon tetrachloride	4.88	117	107399	50.262	ug/L	100
33) Benzene	5.15	78	275450	51.739	ug/L	100
34) Trichloroethene	5.96	95	77676	50.541	ug/L	99
35) Methylcyclohexane	6.18	83	117985	51.767	ug/L	99
37) 1,2-Dichloropropane	6.22	63	71128	51.677	ug/L	100
38) Bromodichloromethane	6.56	83	96393	50.606	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	112217	51.123	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	173260	108.959	ug/L	99
42) Toluene	7.43	91	298296	52.442	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	105328	51.479	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	73104	52.451	ug/L	96
46) Tetrachloroethene	8.02	164	63081	51.544	ug/L	98
48) 2-Hexanone	8.18	43	127882	96.568	ug/L	97
49) Dibromochloromethane	8.29	129	84110	51.928	ug/L	99
50) 1,2-Dibromoethane	8.40	107	79736	53.524	ug/L	99
51) Chlorobenzene	8.93	112	198127	50.976	ug/L	99
52) Ethylbenzene	9.06	91	329725	52.529	ug/L	100
53) m,p-Xylene	9.18	106	125162	52.290	ug/L	99
54) o-xylene	9.59	106	122840	51.885	ug/L	98
55) Styrene	9.60	104	209937	53.633	ug/L	100
56) Isopropylbenzene	9.98	105	333014	53.289	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	110164	53.805	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	91213	52.622	ug/L	98
61) Bromoform	9.78	173	58969	46.431	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	156933	49.523	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	158761	49.755	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	164885	51.245	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	23189	52.720	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	106823	52.306	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	73977	52.808	ug/L	98
69) Naphthalene	13.55	128	168369	48.069	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	77629	55.028	ug/L	99

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

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