

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121718\
 Data File : VV008970.D
 Acq On : 17 Dec 2018 10:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05061

Quant Time: Dec 18 01:45:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 15 01:01:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	239053	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	222488	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	111232	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60877	43.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.22%
7) Chloroethane-d5	1.57	69	46330	52.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.46%
11) 1,1-Dichloroethene-d2	2.13	63	159038	48.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.48%
21) 2-Butanone-d5	3.93	46	100750	108.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.09%
24) Chloroform-d	4.40	84	148421	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
26) 1,2-Dichloroethane-d4	5.08	65	92413	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
32) Benzene-d6	5.10	84	288695	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
36) 1,2-Dichloropropane-d6	6.12	67	88552	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.30%
41) Toluene-d8	7.36	98	274190	48.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.44%
43) trans-1,3-Dichloropropene-	7.66	79	46966	51.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.80%
47) 2-Hexanone-d5	8.13	63	74398	111.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.57%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	116128	49.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.84%
64) 1,2-Dichlorobenzene-d4	11.67	152	113279	49.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.76%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	86017	51.229	ug/L 99
3) Chloromethane	1.25	50	67196	47.695	ug/L 96
5) Vinyl chloride	1.33	62	70623	47.992	ug/L 98
6) Bromomethane	1.52	94	33714	42.820	ug/L 97
8) Chloroethane	1.59	64	42139	56.139	ug/L 100
9) Trichlorofluoromethane	1.76	101	148364	55.644	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	86358	52.930	ug/L 98
12) 1,1-Dichloroethene	2.14	96	75684	50.988	ug/L 95
13) Acetone	2.19	43	154926	110.535	ug/L 98
14) Carbon disulfide	2.32	76	208765	51.506	ug/L 100
15) Methyl Acetate	2.46	43	80751	53.233	ug/L 97
16) Methylene chloride	2.53	84	83398	50.457	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	78921	52.539	ug/L 98
18) Methyl tert-butyl Ether	2.80	73	250145	52.312	ug/L 99
19) 1,1-Dichloroethane	3.23	63	137893	52.000	ug/L 98
20) cis-1,2-Dichloroethene	3.96	96	88895	51.585	ug/L 99
22) 2-Butanone	4.01	43	129946	110.433	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	46992	52.103	ug/L	99
25) Chloroform	4.43	83	152832	51.699	ug/L	98
27) 1,2-Dichloroethane	5.18	62	115140	50.129	ug/L	100
29) Cyclohexane	4.73	56	122985	51.895	ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	141630	51.952	ug/L	98
31) Carbon tetrachloride	4.88	117	126827	51.525	ug/L	99
33) Benzene	5.15	78	317311	51.740	ug/L	100
34) Trichloroethene	5.96	95	93800	52.981	ug/L	99
35) Methylcyclohexane	6.18	83	143033	54.478	ug/L	99
37) 1,2-Dichloropropane	6.22	63	83287	52.529	ug/L	100
38) Bromodichloromethane	6.55	83	115860	52.802	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	136206	53.866	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	199662	108.998	ug/L	99
42) Toluene	7.43	91	347668	53.059	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	126611	53.718	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	83738	52.156	ug/L	98
46) Tetrachloroethene	8.02	164	73817	52.360	ug/L	98
48) 2-Hexanone	8.18	43	168686	110.577	ug/L	97
49) Dibromochloromethane	8.29	129	103679	55.565	ug/L	100
50) 1,2-Dibromoethane	8.40	107	89951	52.416	ug/L	97
51) Chlorobenzene	8.93	112	234031	52.270	ug/L	99
52) Ethylbenzene	9.05	91	384795	53.216	ug/L	100
53) m,p-Xylene	9.18	106	150485	54.576	ug/L	99
54) o-xylene	9.59	106	146387	53.674	ug/L	98
55) Styrene	9.60	104	247927	54.983	ug/L	99
56) Isopropylbenzene	9.97	105	391545	54.389	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	120134	50.935	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	102418	51.292	ug/L	100
61) Bromoform	9.78	173	76539	53.558	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	185922	52.141	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	188676	52.548	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	191554	52.907	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	28068	56.709	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	135136	58.804	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	97386	61.781	ug/L	99
69) Naphthalene	13.55	128	214076	54.315	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	95577	60.210	ug/L	99

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

