

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102618\
 Data File : VV008443.D
 Acq On : 26 Oct 2018 19:06
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

Quant Time: Oct 27 04:48:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 27 04:42:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	191907	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	178844	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	84257	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51856	48.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.60%
7) Chloroethane-d5	1.56	69	39853	51.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.90%
11) 1,1-Dichloroethene-d2	2.13	63	94811	49.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.80%
21) 2-Butanone-d5	3.94	46	114055	98.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.77%
24) Chloroform-d	4.41	84	125878	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.06%
26) 1,2-Dichloroethane-d4	5.09	65	86449	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
32) Benzene-d6	5.10	84	253655	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.54%
36) 1,2-Dichloropropane-d6	6.12	67	87537	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.96%
41) Toluene-d8	7.36	98	230340	49.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.56%
43) trans-1,3-Dichloropropene-	7.67	79	42238	49.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.30%
47) 2-Hexanone-d5	8.14	63	87460	94.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	121885	50.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.74%
64) 1,2-Dichlorobenzene-d4	11.68	152	85683	49.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.42%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	65125	47.524	ug/L 100
3) Chloromethane	1.25	50	73946	50.374	ug/L 99
5) Vinyl chloride	1.33	62	69640	51.199	ug/L 96
6) Bromomethane	1.51	94	18619	49.889	ug/L 100
8) Chloroethane	1.58	64	39921	55.867	ug/L 95
9) Trichlorofluoromethane	1.76	101	88459	50.533	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	45709	49.981	ug/L 99
12) 1,1-Dichloroethene	2.14	96	44423	51.592	ug/L 95
13) Acetone	2.19	43	70380	78.530	ug/L 99
14) Carbon disulfide	2.32	76	189448	48.850	ug/L 100
15) Methyl Acetate	2.46	43	88187	49.344	ug/L 100
16) Methylene chloride	2.54	84	75184	50.415	ug/L 98
17) trans-1,2-Dichloroethene	2.79	96	66145	50.395	ug/L 99
18) Methyl tert-butyl Ether	2.81	73	245635	52.286	ug/L 100
19) 1,1-Dichloroethane	3.23	63	139496	51.531	ug/L 99
20) cis-1,2-Dichloroethene	3.97	96	78195	52.293	ug/L 96
22) 2-Butanone	4.02	43	120644	93.179	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	36247	51.398	ug/L	97
25) Chloroform	4.43	83	141250	53.451	ug/L	99
27) 1,2-Dichloroethane	5.18	62	112740	51.077	ug/L	99
29) Cyclohexane	4.73	56	121373	46.611	ug/L	99
30) 1,1,1-Trichloroethane	4.67	97	118088	50.916	ug/L	99
31) Carbon tetrachloride	4.88	117	97662	49.620	ug/L	98
33) Benzene	5.15	78	299320	51.200	ug/L	100
34) Trichloroethene	5.96	95	75441	50.405	ug/L	99
35) Methylcyclohexane	6.18	83	120479	47.347	ug/L	100
37) 1,2-Dichloropropane	6.23	63	83284	51.583	ug/L	100
38) Bromodichloromethane	6.56	83	104244	50.668	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	126324	49.767	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	247163	103.377	ug/L	100
42) Toluene	7.43	91	307957	50.714	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	121884	51.326	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	74039	51.864	ug/L	98
46) Tetrachloroethene	8.02	164	49749	50.987	ug/L	98
48) 2-Hexanone	8.19	43	181019	98.120	ug/L	99
49) Dibromochloromethane	8.29	129	79278	51.678	ug/L	100
50) 1,2-Dibromoethane	8.40	107	76779	51.270	ug/L	99
51) Chlorobenzene	8.93	112	194103	51.912	ug/L	99
52) Ethylbenzene	9.06	91	346778	50.981	ug/L	99
53) m,p-Xylene	9.18	106	126389	50.859	ug/L	98
54) o-xylene	9.59	106	129664	52.252	ug/L	96
55) Styrene	9.61	104	220909	52.833	ug/L	99
56) Isopropylbenzene	9.98	105	332331	51.184	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	132996	53.194	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	107261	53.010	ug/L	100
61) Bromoform	9.78	173	54546	51.306	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	145653	52.286	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	145382	52.071	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	148842	52.396	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	28882	49.455	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	97360	53.524	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	77567	52.707	ug/L	99
69) Naphthalene	13.56	128	229915	48.313	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	78140	53.129	ug/L	99

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

