

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090718\
 Data File : VV007455.D
 Acq On : 07 Sep 2018 10:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05074

Quant Time: Sep 08 04:46:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 03:09:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	464491	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	471422	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	231277	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	151709	45.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.46%
7) Chloroethane-d5	1.56	69	121783	56.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.06%
11) 1,1-Dichloroethene-d2	2.13	63	277968	47.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.12%
21) 2-Butanone-d5	3.95	46	201526	74.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.67%
24) Chloroform-d	4.40	84	334003	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.34%
26) 1,2-Dichloroethane-d4	5.08	65	205303	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.18%
32) Benzene-d6	5.10	84	657581	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
36) 1,2-Dichloropropane-d6	6.12	67	219991	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.40%
41) Toluene-d8	7.36	98	615698	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%
43) trans-1,3-Dichloropropene-	7.67	79	98216	48.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.86%
47) 2-Hexanone-d5	8.14	63	165104	88.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	326287	50.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.34%
64) 1,2-Dichlorobenzene-d4	11.68	152	248990	50.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.18%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	188830	51.22	ug/L	99
3) Chloromethane	1.26	50	217064	55.51	ug/L	99
5) Vinyl chloride	1.33	62	200132	50.48	ug/L	98
6) Bromomethane	1.51	94	85406	44.71	ug/L	100
8) Chloroethane	1.58	64	115050	56.55	ug/L	97
9) Trichlorofluoromethane	1.76	101	248540	49.52	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	159017	51.03	ug/L	99
12) 1,1-Dichloroethene	2.14	96	144657	49.24	ug/L	95
13) Acetone	2.19	43	194585	121.08	ug/L	100
14) Carbon disulfide	2.31	76	396496	47.63	ug/L	99
15) Methyl Acetate	2.46	43	175604	50.16	ug/L	98
16) Methylene chloride	2.53	84	180993	51.81	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	158458	49.45	ug/L	97
18) Methyl tert-butyl Ether	2.81	73	538039	53.61	ug/L	100
19) 1,1-Dichloroethane	3.23	63	327653	49.37	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	188610	51.15	ug/L	99
22) 2-Butanone	4.04	43	290834	108.06	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	101093	52.39	ug/L	97
25) Chloroform	4.43	83	341380	52.26	ug/L	100
27) 1,2-Dichloroethane	5.18	62	255453	52.22	ug/L	99
29) Cyclohexane	4.72	56	244560	46.79	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	276114	47.96	ug/L	98
31) Carbon tetrachloride	4.87	117	232283	46.61	ug/L	99
33) Benzene	5.15	78	750377	49.76	ug/L	100
34) Trichloroethene	5.96	95	170926	46.43	ug/L	97
35) Methylcyclohexane	6.18	83	268862	48.98	ug/L	99
37) 1,2-Dichloropropane	6.23	63	205295	49.54	ug/L	100
38) Bromodichloromethane	6.56	83	252439	49.89	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	282010	50.68	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	486971	101.72	ug/L	98
42) Toluene	7.43	91	774279	53.38	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	271325	52.15	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	203088	51.92	ug/L	99
46) Tetrachloroethene	8.02	164	147586	49.86	ug/L	98
48) 2-Hexanone	8.19	43	411466	110.21	ug/L	96
49) Dibromochloromethane	8.29	129	205730	51.28	ug/L	100
50) 1,2-Dibromoethane	8.40	107	194440	50.90	ug/L	97
51) Chlorobenzene	8.93	112	503993	51.45	ug/L	100
52) Ethylbenzene	9.06	91	783600	53.27	ug/L	99
53) m,p-Xylene	9.18	106	309667	54.98	ug/L	97
54) o-xylene	9.59	106	301117	54.98	ug/L	98
55) Styrene	9.61	104	561511	59.19	ug/L	98
56) Isopropylbenzene	9.98	105	756425	54.61	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	332323	53.72	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	260967	52.95	ug/L	99
61) Bromoform	9.78	173	150971	47.94	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	359499	51.17	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	396764	52.65	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	417625	53.17	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	60315	45.29	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	275732	51.14	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	207400	49.66	ug/L	99
69) Naphthalene	13.56	128	571369	47.40	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	239169	51.82	ug/L	99

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

