

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082418\
 Data File : VV007193.D
 Acq On : 25 Aug 2018 01:35
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Aug 25 02:11:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 00:12:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	681034	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	676592	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	335121	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	234412	49.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.00%
7) Chloroethane-d5	1.58	69	196575	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.36%
11) 1,1-Dichloroethene-d2	2.13	63	419616	50.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.84%
21) 2-Butanone-d5	3.95	46	356615	100.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.03%
24) Chloroform-d	4.41	84	469765	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.18%
26) 1,2-Dichloroethane-d4	5.09	65	287099	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.26%
32) Benzene-d6	5.11	84	960998	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	306733	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.26%
41) Toluene-d8	7.37	98	877031	51.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.66%
43) trans-1,3-Dichloropropene-	7.67	79	131193	47.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.20%
47) 2-Hexanone-d5	8.14	63	201121	101.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	435081	51.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.56%
64) 1,2-Dichlorobenzene-d4	11.68	152	331889	47.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.90%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	279528	51.315 ug/L	100
3) Chloromethane	1.25	50	316393	48.154 ug/L	99
5) Vinyl chloride	1.32	62	285863	49.924 ug/L	100
6) Bromomethane	1.53	94	88601	47.761 ug/L	98
8) Chloroethane	1.60	64	172310	50.700 ug/L	99
9) Trichlorofluoromethane	1.77	101	369120	50.736 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	220995	50.093 ug/L	99
12) 1,1-Dichloroethene	2.14	96	210499	49.965 ug/L	97
13) Acetone	2.19	43	203986	77.501 ug/L	99
14) Carbon disulfide	2.32	76	621457	48.135 ug/L	100
15) Methyl Acetate	2.46	43	240394	51.230 ug/L	99
16) Methylene chloride	2.54	84	239013	50.038 ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	228355	50.281 ug/L	98
18) Methyl tert-butyl Ether	2.81	73	683561	50.392 ug/L	99
19) 1,1-Dichloroethane	3.23	63	469945	50.759 ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	267937	50.424 ug/L	97
22) 2-Butanone	4.04	43	382566	93.374 ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082418\
 Data File : VV007193.D
 Acq On : 25 Aug 2018 01:35
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Aug 25 02:11:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 00:12:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	139094	51.206	ug/L	99
25) Chloroform	4.43	83	468136	51.521	ug/L	99
27) 1,2-Dichloroethane	5.19	62	357619	53.212	ug/L	98
29) Cyclohexane	4.73	56	371671	48.399	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	384055	49.514	ug/L	99
31) Carbon tetrachloride	4.88	117	335348	50.351	ug/L	99
33) Benzene	5.15	78	1067109	50.920	ug/L	100
34) Trichloroethene	5.96	95	248284	48.722	ug/L	97
35) Methylcyclohexane	6.18	83	384573	47.455	ug/L	97
37) 1,2-Dichloropropane	6.23	63	277752	49.822	ug/L	99
38) Bromodichloromethane	6.56	83	338907	49.988	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	369957	47.612	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	668845	102.326	ug/L	97
42) Toluene	7.44	91	1074997	52.916	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	349313	48.381	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	264259	51.186	ug/L	97
46) Tetrachloroethene	8.02	164	209217	49.785	ug/L	99
48) 2-Hexanone	8.19	43	556503	108.742	ug/L	98
49) Dibromochloromethane	8.30	129	270169	51.020	ug/L	99
50) 1,2-Dibromoethane	8.40	107	265616	51.206	ug/L	96
51) Chlorobenzene	8.93	112	692918	50.443	ug/L	99
52) Ethylbenzene	9.06	91	1090666	51.698	ug/L	100
53) m,p-Xylene	9.19	106	421848	52.662	ug/L	99
54) o-xylene	9.59	106	406599	52.737	ug/L	99
55) Styrene	9.61	104	743907	56.230	ug/L	98
56) Isopropylbenzene	9.98	105	1036927	52.580	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	432424	51.011	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	349982	51.348	ug/L	100
61) Bromoform	9.78	173	197239	48.726	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	483062	47.308	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	526484	47.920	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	538869	49.195	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	75452	48.757	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	367644	49.352	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	276896	49.840	ug/L	98
69) Naphthalene	13.56	128	672868	44.519	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	315163	52.862	ug/L	97

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

