

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007453.D
 Acq On : 07 Sep 2018 05:57
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05073

Quant Time: Sep 07 06:36:13 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	501617	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	501306	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	248756	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	154794	43.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.40%
7) Chloroethane-d5	1.56	69	115355	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.30%
11) 1,1-Dichloroethene-d2	2.13	63	294807	46.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.42%
21) 2-Butanone-d5	3.96	46	241847	82.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.98%
24) Chloroform-d	4.41	84	363653	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.12%
26) 1,2-Dichloroethane-d4	5.09	65	219269	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.08%
32) Benzene-d6	5.10	84	717701	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	234829	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.76%
41) Toluene-d8	7.36	98	659506	50.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.42%
43) trans-1,3-Dichloropropene-	7.67	79	94366	43.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.50%
47) 2-Hexanone-d5	8.14	63	175870	88.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.61%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	345737	49.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.98%
64) 1,2-Dichlorobenzene-d4	11.68	152	262127	49.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.06%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	199696	50.16	ug/L	100
3) Chloromethane	1.26	50	228739	54.16	ug/L	100
5) Vinyl chloride	1.33	62	219041	51.16	ug/L	98
6) Bromomethane	1.51	94	86435	41.90	ug/L	99
8) Chloroethane	1.58	64	122787	55.88	ug/L	99
9) Trichlorofluoromethane	1.76	101	274223	50.59	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	168063	49.94	ug/L	100
12) 1,1-Dichloroethene	2.14	96	157513	49.65	ug/L	95
13) Acetone	2.20	43	158419	91.28	ug/L	97
14) Carbon disulfide	2.31	76	429408	47.77	ug/L	100
15) Methyl Acetate	2.46	43	184757	48.87	ug/L	99
16) Methylene chloride	2.53	84	191757	50.83	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	170338	49.22	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	554637	51.17	ug/L	100
19) 1,1-Dichloroethane	3.23	63	343389	47.91	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	200085	50.24	ug/L	97
22) 2-Butanone	4.04	43	284963	98.04	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	104942	50.36	ug/L	99
25) Chloroform	4.43	83	357801	50.72	ug/L	99
27) 1,2-Dichloroethane	5.19	62	269855	51.08	ug/L	99
29) Cyclohexane	4.72	56	260086	46.80	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	293890	48.00	ug/L	99
31) Carbon tetrachloride	4.87	117	252602	47.67	ug/L	100
33) Benzene	5.15	78	801963	50.01	ug/L	100
34) Trichloroethene	5.96	95	183202	46.80	ug/L	98
35) Methylcyclohexane	6.18	83	278908	47.78	ug/L	99
37) 1,2-Dichloropropane	6.23	63	217800	49.42	ug/L	99
38) Bromodichloromethane	6.56	83	260356	48.39	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	264012	44.62	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	509189	100.02	ug/L	99
42) Toluene	7.43	91	813250	52.72	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	253697	45.85	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	208311	50.09	ug/L	99
46) Tetrachloroethene	8.02	164	151439	48.11	ug/L	99
48) 2-Hexanone	8.19	43	420904	106.02	ug/L #	94
49) Dibromochloromethane	8.30	129	209922	49.21	ug/L	98
50) 1,2-Dibromoethane	8.40	107	200913	49.46	ug/L	98
51) Chlorobenzene	8.93	112	519345	49.86	ug/L	100
52) Ethylbenzene	9.06	91	813299	51.99	ug/L	100
53) m,p-Xylene	9.19	106	316345	52.82	ug/L	98
54) o-xylene	9.59	106	307923	52.87	ug/L	98
55) Styrene	9.61	104	575084	57.01	ug/L	99
56) Isopropylbenzene	9.98	105	772777	52.47	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	349166	53.08	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	269239	51.37	ug/L	100
61) Bromoform	9.78	173	154545	45.62	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	361561	47.85	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	402243	49.63	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	431120	51.03	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	65626	45.82	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	274288	47.30	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	204446	45.51	ug/L	99
69) Naphthalene	13.56	128	580152	44.75	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	240644	48.48	ug/L	99

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

