

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007762.D
 Acq On : 23 Sep 2018 03:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05070

Quant Time: Sep 24 02:38:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 02:35:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	195431	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	190015	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109822	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48413	45.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.16%
7) Chloroethane-d5	1.59	69	48007	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.48%
11) 1,1-Dichloroethene-d2	2.14	63	122591	48.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.90%
21) 2-Butanone-d5	3.95	46	63598	90.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.66%
24) Chloroform-d	4.41	84	109004	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.86%
26) 1,2-Dichloroethane-d4	5.09	65	71192	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
32) Benzene-d6	5.11	84	213215	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.64%
36) 1,2-Dichloropropane-d6	6.13	67	62501	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.92%
41) Toluene-d8	7.36	98	226139	49.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.10%
43) trans-1,3-Dichloropropene-	7.67	79	29522	45.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.80%
47) 2-Hexanone-d5	8.14	63	53609	94.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.39%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	98880	49.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.22%
64) 1,2-Dichlorobenzene-d4	11.68	152	107375	47.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.06%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	66047	48.675	ug/L 98
3) Chloromethane	1.26	50	51852	47.545	ug/L 98
5) Vinyl chloride	1.33	62	59669	47.234	ug/L 100
6) Bromomethane	1.54	94	39036	39.504	ug/L 96
8) Chloroethane	1.60	64	40164	47.553	ug/L 97
9) Trichlorofluoromethane	1.78	101	127858	49.080	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	71724	48.542	ug/L 98
12) 1,1-Dichloroethene	2.15	96	64711	49.923	ug/L 95
13) Acetone	2.19	43	54197	73.207	ug/L 99
14) Carbon disulfide	2.33	76	156636	45.616	ug/L 100
15) Methyl Acetate	2.46	43	62286	47.530	ug/L 99
16) Methylene chloride	2.54	84	71144	50.043	ug/L 97
17) trans-1,2-Dichloroethene	2.80	96	70490	48.204	ug/L 99
18) Methyl tert-butyl Ether	2.81	73	210889	48.870	ug/L 100
19) 1,1-Dichloroethane	3.23	63	91793	49.684	ug/L 99
20) cis-1,2-Dichloroethene	3.97	96	63698	48.568	ug/L 99
22) 2-Butanone	4.04	43	67743	84.533	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	35622	49.009	ug/L	98
25) Chloroform	4.43	83	110270	50.348	ug/L	97
27) 1,2-Dichloroethane	5.19	62	85058	47.879	ug/L	100
29) Cyclohexane	4.73	56	79823	48.038	ug/L	98
30) 1,1,1-Trichloroethane	4.67	97	98305	48.342	ug/L	99
31) Carbon tetrachloride	4.88	117	91530	48.716	ug/L	99
33) Benzene	5.15	78	227194	49.917	ug/L	100
34) Trichloroethene	5.96	95	64478	47.900	ug/L	96
35) Methylcyclohexane	6.18	83	98269	47.664	ug/L	99
37) 1,2-Dichloropropane	6.23	63	53725	46.883	ug/L	99
38) Bromodichloromethane	6.56	83	77646	49.285	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	82081	44.557	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	144836	95.576	ug/L	98
42) Toluene	7.44	91	266720	49.437	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	82471	47.153	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	63612	49.398	ug/L	98
46) Tetrachloroethene	8.02	164	65105	47.257	ug/L	99
48) 2-Hexanone	8.19	43	104326	89.372	ug/L	97
49) Dibromochloromethane	8.30	129	72547	49.650	ug/L	100
50) 1,2-Dibromoethane	8.40	107	69398	48.004	ug/L	98
51) Chlorobenzene	8.93	112	191500	49.277	ug/L	100
52) Ethylbenzene	9.06	91	300036	49.192	ug/L	99
53) m,p-Xylene	9.19	106	117909	48.307	ug/L	97
54) o-xylene	9.59	106	116788	49.049	ug/L	99
55) Styrene	9.61	104	200516	49.362	ug/L	100
56) Isopropylbenzene	9.98	105	314752	49.023	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	101519	49.545	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	78204	48.259	ug/L	100
61) Bromoform	9.78	173	54179	47.412	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	163576	46.975	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	169634	46.966	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	171477	48.702	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	19224	45.147	ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	133457	45.634	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	117942	44.935	ug/L	100
69) Naphthalene	13.56	128	304129	45.193	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	119869	45.183	ug/L	100

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

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