

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082518\
 Data File : VV007210.D
 Acq On : 25 Aug 2018 17:46
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05073

Quant Time: Aug 27 01:26:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 27 01:23:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	676867	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	672980	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	334879	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	215677	45.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.72%
7) Chloroethane-d5	1.58	69	180825	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.13	63	402270	48.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.26%
21) 2-Butanone-d5	3.95	46	333973	94.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.26%
24) Chloroform-d	4.41	84	465745	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
26) 1,2-Dichloroethane-d4	5.09	65	283072	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.44%
32) Benzene-d6	5.11	84	947479	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
36) 1,2-Dichloropropane-d6	6.12	67	304239	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.00%
41) Toluene-d8	7.37	98	861263	51.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.34%
43) trans-1,3-Dichloropropene-	7.67	79	132159	48.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.42%
47) 2-Hexanone-d5	8.14	63	189223	95.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.59%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	413133	49.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.86%
64) 1,2-Dichlorobenzene-d4	11.68	152	328252	46.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.94%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	269850	49.84	ug/L	99
3) Chloromethane	1.25	50	307326	47.06	ug/L	100
5) Vinyl chloride	1.32	62	281674	49.50	ug/L	99
6) Bromomethane	1.54	94	87179	47.28	ug/L	100
8) Chloroethane	1.60	64	167265	49.52	ug/L	98
9) Trichlorofluoromethane	1.77	101	369362	51.08	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	223194	50.90	ug/L	98
12) 1,1-Dichloroethene	2.14	96	208508	49.80	ug/L	96
13) Acetone	2.20	43	241216	92.21	ug/L	99
14) Carbon disulfide	2.32	76	620263	48.34	ug/L	100
15) Methyl Acetate	2.47	43	232292	49.81	ug/L	98
16) Methylene chloride	2.54	84	247047	52.04	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	230051	50.97	ug/L	98
18) Methyl tert-butyl Ether	2.82	73	677376	50.24	ug/L	99
19) 1,1-Dichloroethane	3.23	63	473275	51.43	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	266410	50.44	ug/L	98
22) 2-Butanone	4.04	43	390512	95.90	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	139515	51.68	ug/L	98
25) Chloroform	4.43	83	471904	52.26	ug/L	99
27) 1,2-Dichloroethane	5.19	62	354090	53.01	ug/L	99
29) Cyclohexane	4.73	56	373611	48.91	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	390992	50.68	ug/L	100
31) Carbon tetrachloride	4.88	117	338708	51.13	ug/L	100
33) Benzene	5.15	78	1070758	51.37	ug/L	100
34) Trichloroethene	5.96	95	250939	49.51	ug/L	99
35) Methylcyclohexane	6.18	83	399762	49.59	ug/L	99
37) 1,2-Dichloropropane	6.23	63	284926	51.38	ug/L	99
38) Bromodichloromethane	6.56	83	339107	50.29	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	379775	49.14	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	665664	102.39	ug/L	99
42) Toluene	7.44	91	1071871	53.04	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	355858	49.55	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	261862	50.99	ug/L	99
46) Tetrachloroethene	8.02	164	211323	50.56	ug/L	98
48) 2-Hexanone	8.19	43	537107	105.52	ug/L	98
49) Dibromochloromethane	8.30	129	269827	51.23	ug/L	100
50) 1,2-Dibromoethane	8.40	107	261950	50.77	ug/L	97
51) Chlorobenzene	8.93	112	687417	50.31	ug/L	99
52) Ethylbenzene	9.06	91	1083118	51.62	ug/L	100
53) m,p-Xylene	9.19	106	418332	52.50	ug/L	99
54) o-xylene	9.59	106	396229	51.67	ug/L	99
55) Styrene	9.61	104	732325	55.65	ug/L	100
56) Isopropylbenzene	9.98	105	1033661	52.70	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	422154	50.07	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	337822	49.83	ug/L	98
61) Bromoform	9.78	173	192248	47.53	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	486601	47.69	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	534985	48.73	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	540837	49.41	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	71277	46.09	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	375724	50.47	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	289339	52.12	ug/L	99
69) Naphthalene	13.56	128	689307	45.64	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	325109	54.57	ug/L	99

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

