

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092518\
 Data File : VV007875.D
 Acq On : 26 Sep 2018 00:14
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Quant Time: Sep 26 05:02:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 26 04:58:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	201704	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	202245	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	113715	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56583	44.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.50%
7) Chloroethane-d5	1.59	69	51980	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.22%
11) 1,1-Dichloroethene-d2	2.14	63	128517	47.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.40%
21) 2-Butanone-d5	3.95	46	98167	115.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.20%
24) Chloroform-d	4.41	84	129203	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.09	65	91875	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.12%
32) Benzene-d6	5.11	84	255028	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
36) 1,2-Dichloropropane-d6	6.13	67	79887	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.20%
41) Toluene-d8	7.36	98	260371	47.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.38%
43) trans-1,3-Dichloropropene-	7.67	79	36797	45.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.14%
47) 2-Hexanone-d5	8.14	63	77070	107.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.59%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	122358	48.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.74%
64) 1,2-Dichlorobenzene-d4	11.68	152	117942	46.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	72435	49.721	ug/L 100
3) Chloromethane	1.26	50	67854	49.316	ug/L 100
5) Vinyl chloride	1.33	62	72593	49.156	ug/L 98
6) Bromomethane	1.53	94	41240	50.427	ug/L 98
8) Chloroethane	1.60	64	46100	50.047	ug/L 98
9) Trichlorofluoromethane	1.78	101	123385	49.863	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	68424	49.479	ug/L 99
12) 1,1-Dichloroethene	2.15	96	61729	49.740	ug/L 97
13) Acetone	2.19	43	70061	68.245	ug/L 98
14) Carbon disulfide	2.33	76	157244	48.565	ug/L 99
15) Methyl Acetate	2.46	43	77869	51.706	ug/L 99
16) Methylene chloride	2.54	84	69534	50.633	ug/L 99
17) trans-1,2-Dichloroethene	2.80	96	68069	51.411	ug/L 96
18) Methyl tert-butyl Ether	2.81	73	209782	50.853	ug/L 100
19) 1,1-Dichloroethane	3.24	63	115401	50.790	ug/L 99
20) cis-1,2-Dichloroethene	3.97	96	71230	49.651	ug/L 96
22) 2-Butanone	4.04	43	105013	89.266	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	38378	51.418	ug/L	98
25) Chloroform	4.44	83	135992	50.429	ug/L	98
27) 1,2-Dichloroethane	5.19	62	108035	50.547	ug/L	100
29) Cyclohexane	4.73	56	104234	48.193	ug/L	100
30) 1,1,1-Trichloroethane	4.67	97	115842	50.572	ug/L	99
31) Carbon tetrachloride	4.88	117	100065	49.445	ug/L	97
33) Benzene	5.15	78	275613	50.678	ug/L	100
34) Trichloroethene	5.96	95	74605	49.453	ug/L	99
35) Methylcyclohexane	6.18	83	114502	48.380	ug/L	99
37) 1,2-Dichloropropane	6.23	63	72163	49.755	ug/L	99
38) Bromodichloromethane	6.56	83	92626	50.460	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	108854	51.698	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	218086	106.404	ug/L	98
42) Toluene	7.44	91	308315	50.317	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	104467	49.918	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	73241	50.533	ug/L	100
46) Tetrachloroethene	8.02	164	68455	47.222	ug/L	99
48) 2-Hexanone	8.19	43	165461	102.141	ug/L	99
49) Dibromochloromethane	8.30	129	79993	50.475	ug/L	97
50) 1,2-Dibromoethane	8.40	107	79087	50.747	ug/L	95
51) Chlorobenzene	8.93	112	218288	51.468	ug/L	99
52) Ethylbenzene	9.06	91	349009	50.424	ug/L	100
53) m,p-Xylene	9.19	106	133547	50.643	ug/L	98
54) o-xylene	9.59	106	130916	51.107	ug/L	99
55) Styrene	9.61	104	228565	52.093	ug/L	100
56) Isopropylbenzene	9.98	105	354413	50.760	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	121694	51.377	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	97453	50.473	ug/L	100
61) Bromoform	9.78	173	59712	49.794	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	176485	49.602	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	189608	50.148	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	189038	51.199	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	24505	50.726	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	143219	47.746	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	125902	49.747	ug/L	99
69) Naphthalene	13.56	128	316324	51.094	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	128494	50.144	ug/L	100

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

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