

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007739.D
 Acq On : 22 Sep 2018 17:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069

Quant Time: Sep 24 02:31:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 02:30:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	194141	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	188857	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109231	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49881	47.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.54%
7) Chloroethane-d5	1.58	69	46644	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.30%
11) 1,1-Dichloroethene-d2	2.14	63	119370	47.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.96%
21) 2-Butanone-d5	3.95	46	72310	103.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.76%
24) Chloroform-d	4.41	84	110204	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.56%
26) 1,2-Dichloroethane-d4	5.09	65	70898	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
32) Benzene-d6	5.11	84	211604	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.50%
36) 1,2-Dichloropropane-d6	6.13	67	61527	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.98%
41) Toluene-d8	7.36	98	220882	48.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.38%
43) trans-1,3-Dichloropropene-	7.67	79	32937	50.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.92%
47) 2-Hexanone-d5	8.14	63	56818	100.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.65%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	99518	49.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.46%
64) 1,2-Dichlorobenzene-d4	11.68	152	107276	47.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.48%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	66022	48.980	ug/L 98
3) Chloromethane	1.25	50	53371	49.263	ug/L 99
5) Vinyl chloride	1.33	62	61686	49.155	ug/L 99
6) Bromomethane	1.53	94	49871	50.805	ug/L 97
8) Chloroethane	1.60	64	40211	47.925	ug/L 97
9) Trichlorofluoromethane	1.78	101	124368	48.058	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	71006	48.375	ug/L 98
12) 1,1-Dichloroethene	2.15	96	63960	49.671	ug/L 95
13) Acetone	2.19	43	67709	92.066	ug/L 99
14) Carbon disulfide	2.33	76	160139	46.946	ug/L 99
15) Methyl Acetate	2.46	43	65432	50.263	ug/L 100
16) Methylene chloride	2.54	84	69602	49.283	ug/L 99
17) trans-1,2-Dichloroethene	2.80	96	70301	48.395	ug/L 99
18) Methyl tert-butyl Ether	2.81	73	216116	50.414	ug/L 99
19) 1,1-Dichloroethane	3.23	63	90234	49.164	ug/L 98
20) cis-1,2-Dichloroethene	3.97	96	64031	49.147	ug/L 98
22) 2-Butanone	4.03	43	79319	99.636	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	36988	51.227	ug/L	97
25) Chloroform	4.44	83	109540	50.347	ug/L	97
27) 1,2-Dichloroethane	5.19	62	86940	49.264	ug/L	99
29) Cyclohexane	4.73	56	80144	48.527	ug/L	99
30) 1,1,1-Trichloroethane	4.67	97	99947	49.451	ug/L	99
31) Carbon tetrachloride	4.88	117	92563	49.568	ug/L	99
33) Benzene	5.15	78	227754	50.346	ug/L	100
34) Trichloroethene	5.96	95	65343	48.841	ug/L	99
35) Methylcyclohexane	6.18	83	100347	48.970	ug/L	98
37) 1,2-Dichloropropane	6.23	63	54436	47.794	ug/L	99
38) Bromodichloromethane	6.56	83	78302	50.006	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	89169	48.701	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	155190	103.036	ug/L	99
42) Toluene	7.44	91	265876	49.583	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	89203	51.315	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	63338	49.487	ug/L	99
46) Tetrachloroethene	8.02	164	65873	48.108	ug/L	98
48) 2-Hexanone	8.19	43	120528	103.885	ug/L	97
49) Dibromochloromethane	8.30	129	74483	51.287	ug/L	99
50) 1,2-Dibromoethane	8.40	107	71637	49.857	ug/L	98
51) Chlorobenzene	8.93	112	187746	48.607	ug/L	99
52) Ethylbenzene	9.06	91	299913	49.474	ug/L	100
53) m,p-Xylene	9.19	106	118402	48.807	ug/L	100
54) o-xylene	9.59	106	117400	49.609	ug/L	99
55) Styrene	9.61	104	202510	50.159	ug/L	98
56) Isopropylbenzene	9.98	105	318107	49.849	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	101097	49.641	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	80057	49.706	ug/L	99
61) Bromoform	9.78	173	58061	51.084	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	166197	47.986	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	171682	47.791	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	171148	48.872	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	21249	50.173	ug/L	99
67) 1,3,5-Trichlorobenzene	12.70	180	141170	48.533	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	125247	47.977	ug/L	100
69) Naphthalene	13.56	128	336368	50.254	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	127205	48.207	ug/L	99

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

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