

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\
 Data File : VV007822.D
 Acq On : 24 Sep 2018 17:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05074

Quant Time: Sep 25 02:15:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 25 02:11:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	189207	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	185998	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107396	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44975	43.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.46%
7) Chloroethane-d5	1.59	69	46491	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.50%
11) 1,1-Dichloroethene-d2	2.14	63	116666	48.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.24%
21) 2-Butanone-d5	3.95	46	66001	97.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.18%
24) Chloroform-d	4.41	84	108896	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
26) 1,2-Dichloroethane-d4	5.09	65	70011	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
32) Benzene-d6	5.11	84	206454	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.58%
36) 1,2-Dichloropropane-d6	6.13	67	61396	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.26%
41) Toluene-d8	7.36	98	219295	49.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.18%
43) trans-1,3-Dichloropropene-	7.67	79	29979	47.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.20%
47) 2-Hexanone-d5	8.14	63	50608	91.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.03%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	97465	49.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.90%
64) 1,2-Dichlorobenzene-d4	11.68	152	106610	48.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.52%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	62334	47.450	ug/L 99
3) Chloromethane	1.26	50	50159	47.505	ug/L 99
5) Vinyl chloride	1.32	62	61117	49.972	ug/L 100
6) Bromomethane	1.54	94	60238	62.966	ug/L 99
8) Chloroethane	1.60	64	42037	51.408	ug/L 99
9) Trichlorofluoromethane	1.78	101	127559	50.576	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	70743	49.453	ug/L 97
12) 1,1-Dichloroethene	2.15	96	63927	50.940	ug/L 97
13) Acetone	2.20	43	58229	81.241	ug/L 98
14) Carbon disulfide	2.32	76	154539	46.486	ug/L 99
15) Methyl Acetate	2.47	43	64434	50.787	ug/L 98
16) Methylene chloride	2.54	84	71101	51.658	ug/L 96
17) trans-1,2-Dichloroethene	2.80	96	71185	50.281	ug/L 99
18) Methyl tert-butyl Ether	2.81	73	211415	50.604	ug/L 99
19) 1,1-Dichloroethane	3.23	63	89307	49.928	ug/L 97
20) cis-1,2-Dichloroethene	3.97	96	63346	49.889	ug/L 100
22) 2-Butanone	4.04	43	70157	90.426	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	35926	51.054	ug/L	97
25) Chloroform	4.44	83	108307	51.079	ug/L	95
27) 1,2-Dichloroethane	5.19	62	86207	50.122	ug/L	100
29) Cyclohexane	4.73	56	78052	47.987	ug/L	99
30) 1,1,1-Trichloroethane	4.67	97	98805	49.637	ug/L	99
31) Carbon tetrachloride	4.88	117	90280	49.089	ug/L	100
33) Benzene	5.15	78	225940	50.713	ug/L	100
34) Trichloroethene	5.96	95	64172	48.703	ug/L	99
35) Methylcyclohexane	6.18	83	98164	48.642	ug/L	99
37) 1,2-Dichloropropane	6.23	63	54805	48.858	ug/L	97
38) Bromodichloromethane	6.56	83	77147	50.026	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	88238	48.933	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	143382	96.660	ug/L	99
42) Toluene	7.44	91	266175	50.402	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	84853	49.563	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	63074	50.038	ug/L	99
46) Tetrachloroethene	8.02	164	66569	49.363	ug/L	99
48) 2-Hexanone	8.19	43	116516	101.970	ug/L	98
49) Dibromochloromethane	8.30	129	73186	51.169	ug/L	98
50) 1,2-Dibromoethane	8.40	107	70301	49.679	ug/L	99
51) Chlorobenzene	8.93	112	192114	50.502	ug/L	99
52) Ethylbenzene	9.06	91	299002	50.081	ug/L	100
53) m,p-Xylene	9.19	106	118789	49.719	ug/L	98
54) o-xylene	9.59	106	116818	50.122	ug/L	100
55) Styrene	9.61	104	199384	50.144	ug/L	97
56) Isopropylbenzene	9.98	105	314754	50.082	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	98907	49.313	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	77730	49.003	ug/L	99
61) Bromoform	9.78	173	54788	49.028	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	165379	48.566	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	174086	49.288	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	174795	50.766	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	19628	47.137	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	136782	47.828	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	123903	48.273	ug/L	98
69) Naphthalene	13.56	128	309716	47.063	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	124272	47.900	ug/L	100

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

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