

Data File : VU026842.D
Acq On : 17 Sep 2018 23:37
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05045

Quant Time: Sep 18 01:40:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 18 01:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	259503	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	249060	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	128332	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	90348	47.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.12%
7) Chloroethane-d5	1.68	69	78470	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.52%
11) 1,1-Dichloroethene-d2	2.27	63	172735	47.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.12%
21) 2-Butanone-d5	4.18	46	132129	103.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.72%
24) Chloroform-d	4.65	84	174855	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.31	65	109447	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
32) Benzene-d6	5.34	84	350180	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.34%
36) 1,2-Dichloropropane-d6	6.33	67	112609	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.14%
41) Toluene-d8	7.57	98	322861	51.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.85	79	49355	49.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.30%
47) 2-Hexanone-d5	8.31	63	97562	110.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	155909	49.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	130750	48.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.96%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	116019	47.306	ug/L	99
3) Chloromethane	1.33	50	120442	48.145	ug/L	99
5) Vinyl chloride	1.40	62	119695	49.165	ug/L	99
6) Bromomethane	1.62	94	57832	48.095	ug/L	99
8) Chloroethane	1.69	64	73854	48.408	ug/L	97
9) Trichlorofluoromethane	1.88	101	146699	48.498	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	85413	47.668	ug/L	98
12) 1,1-Dichloroethene	2.28	96	81249	48.281	ug/L	98
13) Acetone	2.32	43	96081	76.735	ug/L	99
14) Carbon disulfide	2.48	76	270859	46.641	ug/L	99
15) Methyl Acetate	2.61	43	107970	49.769	ug/L	100
16) Methylene chloride	2.70	84	101327	47.366	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	88367	47.678	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	273541	50.469	ug/L	100
19) 1,1-Dichloroethane	3.45	63	174310	48.761	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	99208	48.668	ug/L	98
22) 2-Butanone	4.26	43	149352	96.725	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	54204	49.248	ug/L	99
25) Chloroform	4.67	83	175195	48.386	ug/L	99
27) 1,2-Dichloroethane	5.40	62	138698	49.089	ug/L	100
29) Cyclohexane	5.00	56	151322	52.328	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	144737	48.848	ug/L	99
31) Carbon tetrachloride	5.14	117	130202	49.036	ug/L	99
33) Benzene	5.39	78	391337	50.679	ug/L	100
34) Trichloroethene	6.19	95	90791	48.998	ug/L	99
35) Methylcyclohexane	6.42	83	153604	50.854	ug/L	98
37) 1,2-Dichloropropane	6.43	63	107602	50.727	ug/L	99
38) Bromodichloromethane	6.76	83	130037	49.434	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	150047	50.076	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	270905	107.484	ug/L	99
42) Toluene	7.64	91	403607	51.650	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	140885	50.216	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	96449	49.873	ug/L	99
46) Tetrachloroethene	8.23	164	81265	49.473	ug/L	98
48) 2-Hexanone	8.36	43	214359	105.437	ug/L	99
49) Dibromochloromethane	8.48	129	108922	49.757	ug/L	98
50) 1,2-Dibromoethane	8.59	107	100157	49.678	ug/L	98
51) Chlorobenzene	9.12	112	257283	48.523	ug/L	99
52) Ethylbenzene	9.25	91	424208	51.825	ug/L	100
53) m,p-Xylene	9.38	106	166748	52.992	ug/L	98
54) o-xylene	9.78	106	162286	52.931	ug/L	96
55) Styrene	9.79	104	284056	53.663	ug/L	99
56) Isopropylbenzene	10.17	105	414224	52.891	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	161182	49.553	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	124735	49.092	ug/L	99
61) Bromoform	9.96	173	80237	47.545	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	189997	48.566	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	201514	46.779	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	212198	48.986	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	31862	48.484	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	146390	48.356	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	124225	47.618	ug/L	100
69) Naphthalene	13.74	128	410649	53.431	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	145897	50.785	ug/L	99

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

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