

Data File : VU025483.D
Acq On : 18 Jul 2018 01:58
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05048

Quant Time: Jul 18 06:49:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 18 06:47:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	349651	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	324421	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	168375	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74926	45.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.88%
7) Chloroethane-d5	1.68	69	66131	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.16%
11) 1,1-Dichloroethene-d2	2.28	63	176037	48.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.24%
21) 2-Butanone-d5	4.18	46	157948	90.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.02%
24) Chloroform-d	4.65	84	208815	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.64%
26) 1,2-Dichloroethane-d4	5.31	65	138739	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
32) Benzene-d6	5.35	84	378077	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
36) 1,2-Dichloropropane-d6	6.34	67	126819	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.70%
41) Toluene-d8	7.57	98	363424	47.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.78%
43) trans-1,3-Dichloropropene-	7.85	79	61575	45.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.12%
47) 2-Hexanone-d5	8.31	63	115739	85.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.99%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	184963	47.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	163235	48.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.76%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	134919	46.902	ug/L	99
3) Chloromethane	1.33	50	115592	45.408	ug/L	100
5) Vinyl chloride	1.41	62	119643	46.743	ug/L	100
6) Bromomethane	1.63	94	56313	40.367	ug/L	99
8) Chloroethane	1.70	64	71776	46.859	ug/L	99
9) Trichlorofluoromethane	1.89	101	180373	47.935	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	102699	50.268	ug/L	98
12) 1,1-Dichloroethene	2.29	96	93741	49.463	ug/L	97
13) Acetone	2.32	43	105654	68.956	ug/L	99
14) Carbon disulfide	2.48	76	276004	45.070	ug/L	99
15) Methyl Acetate	2.62	43	120657	42.611	ug/L	99
16) Methylene chloride	2.71	84	117593	47.447	ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	106811	47.648	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	372057	46.842	ug/L	100
19) 1,1-Dichloroethane	3.45	63	210477	46.937	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	126492	46.088	ug/L	97
22) 2-Butanone	4.27	43	169985	80.601	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	67833	49.311	ug/L	98
25) Chloroform	4.68	83	223738	47.483	ug/L	98
27) 1,2-Dichloroethane	5.41	62	183009	46.769	ug/L	99
29) Cyclohexane	5.00	56	177836	47.602	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	201721	46.724	ug/L	99
31) Carbon tetrachloride	5.14	117	180974	47.716	ug/L	99
33) Benzene	5.39	78	450328	46.920	ug/L	100
34) Trichloroethene	6.19	95	120582	47.460	ug/L	99
35) Methylcyclohexane	6.42	83	188517	48.871	ug/L	98
37) 1,2-Dichloropropane	6.44	63	125241	47.303	ug/L	99
38) Bromodichloromethane	6.76	83	168431	47.115	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	191850	46.767	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	332230	86.521	ug/L	100
42) Toluene	7.64	91	496244	48.491	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	183066	46.486	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	120976	48.193	ug/L	98
46) Tetrachloroethene	8.23	164	102358	48.294	ug/L	96
48) 2-Hexanone	8.36	43	250885	81.778	ug/L	99
49) Dibromochloromethane	8.48	129	143143	47.105	ug/L	97
50) 1,2-Dibromoethane	8.59	107	131470	47.450	ug/L	100
51) Chlorobenzene	9.12	112	330357	48.110	ug/L	99
52) Ethylbenzene	9.25	91	551749	48.299	ug/L	100
53) m,p-Xylene	9.38	106	211542	48.314	ug/L	96
54) o-xylene	9.78	106	216781	49.077	ug/L	94
55) Styrene	9.80	104	358372	49.122	ug/L	99
56) Isopropylbenzene	10.17	105	561104	49.051	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	195293	45.188	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	156996	44.590	ug/L	99
61) Bromoform	9.96	173	104488	43.993	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	261818	46.917	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	262624	46.569	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	275999	46.838	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	43520	39.466	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	203943	47.546	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	179943	47.046	ug/L	100
69) Naphthalene	13.74	128	582840	44.040	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	190572	46.198	ug/L	98

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

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