

Data File : VU025454.D
Acq On : 17 Jul 2018 11:25
Operator : MD/SY
Sample : VSTD01042
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD01042

Quant Time: Jul 18 05:25:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 18 05:25:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	340878	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	308151	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	140546	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	16394	10.20	ug/L	0.00
7) Chloroethane-d5	1.68	69	14328	10.46	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	36550	10.35	ug/L	0.00
21) 2-Butanone-d5	4.19	46	37018	21.64	ug/L	0.00
24) Chloroform-d	4.65	84	42931	10.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	30228	10.65	ug/L	0.00
32) Benzene-d6	5.35	84	77507	10.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	25547	10.36	ug/L	0.00
41) Toluene-d8	7.57	98	74631	10.35	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	12943	10.08	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	26270	20.55	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	37072	10.13	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	30452	10.81	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	29824	10.635 ug/L	98
3) Chloromethane	1.33	50	25868	10.423 ug/L	97
5) Vinyl chloride	1.40	62	26553	10.641 ug/L	98
6) Bromomethane	1.63	94	13841	10.177 ug/L	96
8) Chloroethane	1.70	64	15761	10.554 ug/L	97
9) Trichlorofluoromethane	1.89	101	38979	10.625 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	19961	10.022 ug/L	96
12) 1,1-Dichloroethene	2.28	96	19047	10.309 ug/L	97
13) Acetone	2.33	43	33613	22.317 ug/L	100
14) Carbon disulfide	2.48	76	62959	10.546 ug/L	99
15) Methyl Acetate	2.62	43	28822	10.441 ug/L	97
16) Methylene chloride	2.70	84	25381	10.504 ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	22826	10.445 ug/L	99
18) Methyl tert-butyl Ether	3.00	73	80945	10.453 ug/L	98
19) 1,1-Dichloroethane	3.45	63	45797	10.476 ug/L	95
20) cis-1,2-Dichloroethene	4.23	96	28268	10.565 ug/L	98
22) 2-Butanone	4.27	43	45604	22.180 ug/L	96
23) Bromochloromethane	4.55	128	13918	10.378 ug/L	90
25) Chloroform	4.68	83	48412	10.539 ug/L	100
27) 1,2-Dichloroethane	5.41	62	41060	10.763 ug/L	99
29) Cyclohexane	5.00	56	36665	10.333 ug/L	97
30) 1,1,1-Trichloroethane	4.92	97	44013	10.733 ug/L	99
31) Carbon tetrachloride	5.14	117	37895	10.519 ug/L	99
33) Benzene	5.39	78	97635	10.710 ug/L	100
34) Trichloroethene	6.19	95	25475	10.556 ug/L	94
35) Methylcyclohexane	6.42	83	37680	10.284 ug/L	99
37) 1,2-Dichloropropane	6.44	63	27239	10.831 ug/L	98
38) Bromodichloromethane	6.76	83	36252	10.676 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	37789	9.698 ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	78552	21.537 ug/L	99

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42) Toluene	7.64	91	102192	10.513	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	37712	10.082	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	25186	10.563	ug/L	97
46) Tetrachloroethene	8.23	164	20891	10.377	ug/L	97
48) 2-Hexanone	8.36	43	62293	21.377	ug/L	98
49) Dibromochloromethane	8.48	129	29192	10.114	ug/L	99
50) 1,2-Dibromoethane	8.59	107	28003	10.640	ug/L	92
51) Chlorobenzene	9.12	112	68910	10.565	ug/L	97
52) Ethylbenzene	9.25	91	110065	10.144	ug/L	99
53) m,p-Xylene	9.38	106	42358	10.185	ug/L	98
54) o-xylene	9.78	106	42517	10.134	ug/L	100
55) Styrene	9.80	104	67780	9.781	ug/L	100
56) Isopropylbenzene	10.17	105	109019	10.034	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	42649	10.389	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	36049	10.779	ug/L	98
61) Bromoform	9.96	173	21967	11.080	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	50196	10.776	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	50091	10.641	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	53523	10.882	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	10059	10.928	ug/L	94
67) 1,3,5-Trichlorobenzene	12.89	180	36740	10.261	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	33105	10.369	ug/L	99
69) Naphthalene	13.75	128	117518	10.638	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	35916	10.431	ug/L	99

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

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