

Data File : VU026820.D
Acq On : 17 Sep 2018 13:14
Operator : MD/SY
Sample : VSTD01050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD01050

Quant Time: Sep 18 00:58:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 18 00:50:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	234390	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	228200	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	101153	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	18378	10.60	ug/L	0.00
7) Chloroethane-d5	1.68	69	16252	10.95	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	34102	10.39	ug/L	0.00
21) 2-Butanone-d5	4.18	46	21998	19.12	ug/L	0.00
24) Chloroform-d	4.65	84	32246	10.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	21599	10.67	ug/L	0.00
32) Benzene-d6	5.34	84	63146	9.87	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	20874	10.13	ug/L	0.00
41) Toluene-d8	7.57	98	54150	9.37	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	8760	9.52	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	12697	15.68	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29095	10.13	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	21572	10.25	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	22922	10.348	ug/L	100
3) Chloromethane	1.33	50	24297	10.753	ug/L	99
5) Vinyl chloride	1.40	62	22164	10.079	ug/L	96
6) Bromomethane	1.63	94	10595	9.755	ug/L	97
8) Chloroethane	1.70	64	14584	10.583	ug/L	99
9) Trichlorofluoromethane	1.89	101	28412	10.399	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	16675	10.303	ug/L	100
12) 1,1-Dichloroethene	2.29	96	15680	10.316	ug/L	95
13) Acetone	2.32	43	23914	21.145	ug/L	97
14) Carbon disulfide	2.48	76	53823	10.261	ug/L	98
15) Methyl Acetate	2.62	43	19982	10.198	ug/L	99
16) Methylene chloride	2.70	84	19982	10.341	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	16528	9.873	ug/L	95
18) Methyl tert-butyl Ether	3.00	73	44835	9.158	ug/L	98
19) 1,1-Dichloroethane	3.45	63	32893	10.187	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	17510	9.510	ug/L	95
22) 2-Butanone	4.27	43	25523	18.300	ug/L	99
23) Bromochloromethane	4.55	128	10101	10.161	ug/L	98
25) Chloroform	4.68	83	33863	10.355	ug/L	95
27) 1,2-Dichloroethane	5.41	62	25840	10.125	ug/L	95
29) Cyclohexane	5.00	56	21983	8.297	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	27290	10.052	ug/L	98
31) Carbon tetrachloride	5.14	117	24930	10.247	ug/L	97
33) Benzene	5.39	78	67815	9.585	ug/L	100
34) Trichloroethene	6.19	95	16701	9.837	ug/L	99
35) Methylcyclohexane	6.42	83	22824	8.247	ug/L	95
37) 1,2-Dichloropropane	6.43	63	19242	9.901	ug/L	99
38) Bromodichloromethane	6.76	83	24239	10.057	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	23595	8.594	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	39927	17.290	ug/L	95

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42) Toluene	7.64	91	65936	9.209	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	22854	8.891	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	17566	9.914	ug/L	99
46) Tetrachloroethene	8.23	164	14500	9.634	ug/L	97
48) 2-Hexanone	8.37	43	32088	17.226	ug/L	94
49) Dibromochloromethane	8.48	129	19780	9.862	ug/L	99
50) 1,2-Dibromoethane	8.59	107	18224	9.865	ug/L	100
51) Chlorobenzene	9.12	112	47100	9.695	ug/L	98
52) Ethylbenzene	9.25	91	63647	8.486	ug/L	99
53) m,p-Xylene	9.38	106	23865	8.277	ug/L	97
54) o-xylene	9.78	106	22965	8.175	ug/L	95
55) Styrene	9.79	104	38853	8.011	ug/L	99
56) Isopropylbenzene	10.17	105	57692	8.040	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	29959	10.052	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	23397	10.050	ug/L	99
61) Bromoform	9.96	173	14263	10.723	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	29379	9.527	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	34011	10.017	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	34688	10.159	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	5569	10.751	ug/L	92
67) 1,3,5-Trichlorobenzene	12.89	180	21984	9.213	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	17654	8.585	ug/L	96
69) Naphthalene	13.75	128	45491	7.509	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	19964	8.816	ug/L	96

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

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