

Data File : VU026825.D
Acq On : 17 Sep 2018 16:46
Operator : MD/SY
Sample : VSTD00549
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00549

Quant Time: Sep 18 01:00:42 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	258628	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	247201	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109850	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	8568	4.48	ug/L	0.00
7) Chloroethane-d5	1.68	69	7292	4.45	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	16943	4.68	ug/L	0.00
21) 2-Butanone-d5	4.18	46	11068	8.72	ug/L	0.00
24) Chloroform-d	4.65	84	16666	4.70	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	10518	4.71	ug/L	0.00
32) Benzene-d6	5.34	84	30236	4.36	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	10153	4.55	ug/L	0.00
41) Toluene-d8	7.57	98	25432	4.06	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	4095	4.11	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	5661	6.45	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	13767	4.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	10946	4.79	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	12556	5.137	ug/L	99
3) Chloromethane	1.33	50	12229	4.905	ug/L	99
5) Vinyl chloride	1.40	62	11969	4.933	ug/L	99
6) Bromomethane	1.63	94	5937	4.954	ug/L	100
8) Chloroethane	1.70	64	7737	5.088	ug/L	99
9) Trichlorofluoromethane	1.89	101	14964	4.964	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	9097	5.094	ug/L	98
12) 1,1-Dichloroethene	2.28	96	8230	4.907	ug/L	99
13) Acetone	2.32	43	14714	11.791	ug/L	97
14) Carbon disulfide	2.48	76	29691	5.130	ug/L	98
15) Methyl Acetate	2.62	43	11150	5.157	ug/L	96
16) Methylene chloride	2.70	84	11161	5.235	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	9396	5.087	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	25513	4.723	ug/L	99
19) 1,1-Dichloroethane	3.45	63	17917	5.029	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	9576	4.714	ug/L	93
22) 2-Butanone	4.27	43	15342	9.970	ug/L	94
23) Bromochloromethane	4.55	128	5666	5.165	ug/L	95
25) Chloroform	4.67	83	18117	5.021	ug/L	96
27) 1,2-Dichloroethane	5.41	62	14234	5.055	ug/L	99
29) Cyclohexane	5.00	56	12544	4.370	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	14940	5.080	ug/L	99
31) Carbon tetrachloride	5.14	117	13075	4.961	ug/L	100
33) Benzene	5.39	78	37714	4.921	ug/L	100
34) Trichloroethene	6.19	95	9231	5.019	ug/L	99
35) Methylcyclohexane	6.42	83	13179	4.396	ug/L	93
37) 1,2-Dichloropropane	6.44	63	10349	4.916	ug/L	99
38) Bromodichloromethane	6.76	83	12881	4.934	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	13390	4.502	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	21478	8.586	ug/L	96

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42) Toluene	7.64	91	35048	4.519	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	12500	4.489	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	9616	5.010	ug/L	98
46) Tetrachloroethene	8.23	164	8027	4.923	ug/L	98
48) 2-Hexanone	8.37	43	17838	8.840	ug/L	92
49) Dibromochloromethane	8.48	129	10420	4.796	ug/L	99
50) 1,2-Dibromoethane	8.59	107	9683	4.839	ug/L #	98
51) Chlorobenzene	9.12	112	25998	4.940	ug/L	98
52) Ethylbenzene	9.25	91	34634	4.263	ug/L	100
53) m,p-Xylene	9.38	106	12826	4.107	ug/L	96
54) o-xylene	9.78	106	12104	3.978	ug/L	99
55) Styrene	9.79	104	19971	3.801	ug/L	100
56) Isopropylbenzene	10.17	105	30560	3.931	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	15704	4.864	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	12362	4.902	ug/L	99
61) Bromoform	9.96	173	7669	5.309	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	16603	4.958	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	19714	5.346	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	18675	5.036	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	2919	5.189	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	12423	4.794	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	10566	4.732	ug/L	97
69) Naphthalene	13.75	128	25264	3.840	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	11302	4.596	ug/L	97

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

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