

Data File : VU027729.D
Acq On : 22 Oct 2018 09:04
Operator : MD/SY
Sample : VSTD01053
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD01053

Quant Time: Oct 23 07:20:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 23 07:17:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	122182	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	114511	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	53959	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	9677	10.18	ug/L	0.00
7) Chloroethane-d5	1.68	69	7343	10.03	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	17263	10.08	ug/L	0.00
21) 2-Butanone-d5	4.19	46	16243	20.05	ug/L	0.00
24) Chloroform-d	4.65	84	17305	10.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	12340	10.43	ug/L	0.00
32) Benzene-d6	5.34	84	33211	10.18	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	11866	10.19	ug/L	0.00
41) Toluene-d8	7.57	98	29742	9.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	5401	9.55	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	11879	19.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	14970	9.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	11057	10.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	10869	10.946 ug/L	100
3) Chloromethane	1.33	50	12207	10.494 ug/L	97
5) Vinyl chloride	1.40	62	12072	10.941 ug/L	98
6) Bromomethane	1.63	94	5770	10.371 ug/L	99
8) Chloroethane	1.70	64	6606	11.093 ug/L	98
9) Trichlorofluoromethane	1.89	101	14635	11.009 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	7991	10.977 ug/L	97
12) 1,1-Dichloroethene	2.29	96	7620	11.193 ug/L	91
13) Acetone	2.32	43	12989	23.017 ug/L	99
14) Carbon disulfide	2.48	76	25990	10.963 ug/L	99
15) Methyl Acetate	2.62	43	13331	11.225 ug/L	95
16) Methylene chloride	2.70	84	9090	10.809 ug/L	94
17) trans-1,2-Dichloroethene	2.99	96	8240	10.941 ug/L	98
18) Methyl tert-butyl Ether	3.00	73	31057	11.033 ug/L	99
19) 1,1-Dichloroethane	3.45	63	18317	11.208 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	9700	10.889 ug/L	91
22) 2-Butanone	4.27	43	18924	22.537 ug/L	96
23) Bromochloromethane	4.55	128	4425	10.637 ug/L	94
25) Chloroform	4.68	83	17113	10.790 ug/L	96
27) 1,2-Dichloroethane	5.41	62	15093	10.966 ug/L	99
29) Cyclohexane	5.00	56	18591	11.327 ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	15759	11.354 ug/L	99
31) Carbon tetrachloride	5.14	117	14159	11.336 ug/L	100
33) Benzene	5.39	78	37075	10.883 ug/L	100
34) Trichloroethene	6.19	95	9608	11.266 ug/L	96
35) Methylcyclohexane	6.42	83	16543	11.216 ug/L	99
37) 1,2-Dichloropropane	6.44	63	11111	11.039 ug/L	# 98
38) Bromodichloromethane	6.76	83	13619	10.888 ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	16786	10.831 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	35355	21.856 ug/L	98

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42) Toluene	7.64	91	39934	11.194	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	16179	11.036	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	9062	10.900	ug/L	96
46) Tetrachloroethene	8.23	164	7265	11.031	ug/L	94
48) 2-Hexanone	8.36	43	28275	22.539	ug/L	99
49) Dibromochloromethane	8.48	129	10421	10.578	ug/L	95
50) 1,2-Dibromoethane	8.59	107	9614	10.834	ug/L #	98
51) Chlorobenzene	9.12	112	23891	10.923	ug/L	99
52) Ethylbenzene	9.25	91	43729	10.836	ug/L	99
53) m,p-Xylene	9.38	106	15674	10.752	ug/L	98
54) o-xylene	9.78	106	16073	11.061	ug/L	97
55) Styrene	9.79	104	26268	10.620	ug/L	100
56) Isopropylbenzene	10.17	105	41716	10.840	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	16242	10.986	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	13541	11.383	ug/L	99
61) Bromoform	9.96	173	7429	10.328	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	17744	10.967	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	17597	10.666	ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	18435	11.078	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	3749	10.811	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	13099	10.468	ug/L	96
68) 1,2,4-trichlorobenzene	13.50	180	11408	10.269	ug/L	99
69) Naphthalene	13.74	128	37753	10.522	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	12209	10.515	ug/L	97

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

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