

Data File : VU025453.D
Acq On : 17 Jul 2018 10:52
Operator : MD/SY
Sample : VSTD00541
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00541

Quant Time: Jul 18 05:25:14 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	360168	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	323256	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	151839	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	8683	5.11	ug/L	0.00
7) Chloroethane-d5	1.68	69	7736	5.35	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	19919	5.34	ug/L	0.00
21) 2-Butanone-d5	4.19	46	17182	9.51	ug/L	0.00
24) Chloroform-d	4.65	84	22418	5.09	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	15574	5.19	ug/L	0.00
32) Benzene-d6	5.35	84	39792	5.09	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	13602	5.26	ug/L	0.00
41) Toluene-d8	7.57	98	37900	5.01	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	6553	4.87	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	12546	9.35	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	18478	4.81	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	15463	5.08	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	17238	5.817 ug/L	100
3) Chloromethane	1.33	50	14978	5.712 ug/L	97
5) Vinyl chloride	1.40	62	14654	5.558 ug/L	100
6) Bromomethane	1.63	94	7771	5.408 ug/L	98
8) Chloroethane	1.70	64	9124	5.783 ug/L	98
9) Trichlorofluoromethane	1.89	101	22686	5.853 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	12813	6.088 ug/L	95
12) 1,1-Dichloroethene	2.28	96	11031	5.651 ug/L	91
13) Acetone	2.33	43	21173	13.305 ug/L	97
14) Carbon disulfide	2.48	76	35908	5.692 ug/L	96
15) Methyl Acetate	2.62	43	17042	5.843 ug/L	98
16) Methylene chloride	2.70	84	14763	5.783 ug/L	94
17) trans-1,2-Dichloroethene	2.98	96	13077	5.663 ug/L	98
18) Methyl tert-butyl Ether	3.00	73	44893	5.487 ug/L	97
19) 1,1-Dichloroethane	3.45	63	26433	5.723 ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	16736	5.920 ug/L	98
22) 2-Butanone	4.27	43	23875	10.990 ug/L	99
23) Bromochloromethane	4.55	128	7639	5.391 ug/L	94
25) Chloroform	4.68	83	27397	5.645 ug/L	91
27) 1,2-Dichloroethane	5.41	62	22510	5.585 ug/L	96
29) Cyclohexane	5.00	56	21403	5.750 ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	25089	5.832 ug/L	99
31) Carbon tetrachloride	5.14	117	20961	5.547 ug/L	97
33) Benzene	5.39	78	54698	5.720 ug/L	100
34) Trichloroethene	6.19	95	14716	5.813 ug/L	97
35) Methylcyclohexane	6.42	83	22598	5.879 ug/L	99
37) 1,2-Dichloropropane	6.44	63	14558	5.518 ug/L	100
38) Bromodichloromethane	6.76	83	19694	5.529 ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	22424	5.486 ug/L	95
40) 4-Methyl-2-pentanone	7.46	43	41381	10.815 ug/L	99

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42) Toluene	7.64	91	56274	5.519	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	21028	5.359	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	13837	5.532	ug/L	98
46) Tetrachloroethene	8.23	164	12229	5.791	ug/L	94
48) 2-Hexanone	8.36	43	33545	10.974	ug/L	99
49) Dibromochloromethane	8.48	129	16088	5.313	ug/L	98
50) 1,2-Dibromoethane	8.59	107	14896	5.396	ug/L #	94
51) Chlorobenzene	9.12	112	37098	5.422	ug/L	93
52) Ethylbenzene	9.25	91	62951	5.530	ug/L	97
53) m,p-Xylene	9.38	106	23733	5.440	ug/L	96
54) o-xylene	9.78	106	23933	5.438	ug/L	99
55) Styrene	9.80	104	37672	5.182	ug/L	100
56) Isopropylbenzene	10.17	105	61618	5.406	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	24081	5.592	ug/L #	93
59) 1,2,3-Trichloropropane	10.50	75	19337	5.512	ug/L	97
61) Bromoform	9.96	173	11005	5.138	ug/L #	96
62) 1,3-Dichlorobenzene	11.42	146	28179	5.599	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	28987	5.700	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	30207	5.685	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	5686	5.718	ug/L	92
67) 1,3,5-Trichlorobenzene	12.89	180	22841	5.905	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	19355	5.611	ug/L	100
69) Naphthalene	13.75	128	64269	5.385	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	21162	5.689	ug/L	99

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

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