

Data File : VU025457.D
Acq On : 17 Jul 2018 13:07
Operator : MD/SY
Sample : VSTD20045
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD20045

Quant Time: Jul 18 05:26:25 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	363017	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	349131	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	197238	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	337474	197.13	ug/L	0.00
7) Chloroethane-d5	1.66	69	282475	193.68	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.27	63	742168	197.44	ug/L	0.00
21) 2-Butanone-d5	4.18	46	698070	383.21	ug/L	0.00
24) Chloroform-d	4.65	84	861119	193.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	571926	189.24	ug/L	0.00
32) Benzene-d6	5.35	84	1608563	190.65	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	529726	189.59	ug/L	0.00
41) Toluene-d8	7.57	98	1591357	194.86	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	292043	200.79	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	590253	407.48	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	847132	204.21	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	750488	189.87	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	553687	185.391	ug/L	100
3) Chloromethane	1.33	50	501685	189.819	ug/L	99
5) Vinyl chloride	1.40	62	501215	188.610	ug/L	100
6) Bromomethane	1.61	94	258775	178.668	ug/L	99
8) Chloroethane	1.69	64	294348	185.091	ug/L	99
9) Trichlorofluoromethane	1.88	101	711299	182.071	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	415338	195.811	ug/L	99
12) 1,1-Dichloroethene	2.28	96	381656	193.970	ug/L	92
13) Acetone	2.32	43	520383	324.436	ug/L	100
14) Carbon disulfide	2.47	76	1199662	188.687	ug/L	100
15) Methyl Acetate	2.62	43	530002	180.283	ug/L	98
16) Methylene chloride	2.70	84	473528	184.027	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	433414	186.227	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	1536519	186.327	ug/L	99
19) 1,1-Dichloroethane	3.45	63	853131	183.247	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	516446	181.242	ug/L	99
22) 2-Butanone	4.26	43	790246	360.911	ug/L	99
23) Bromochloromethane	4.55	128	271869	190.356	ug/L	99
25) Chloroform	4.68	83	898412	183.646	ug/L	96
27) 1,2-Dichloroethane	5.41	62	735992	181.162	ug/L	99
29) Cyclohexane	5.00	56	749486	186.421	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	819882	176.467	ug/L	100
31) Carbon tetrachloride	5.14	117	750807	183.949	ug/L	100
33) Benzene	5.39	78	1849627	179.075	ug/L	100
34) Trichloroethene	6.19	95	497605	181.992	ug/L	99
35) Methylcyclohexane	6.42	83	799798	192.664	ug/L	98
37) 1,2-Dichloropropane	6.44	63	510354	179.117	ug/L	100
38) Bromodichloromethane	6.76	83	705915	183.491	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	854186	193.488	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	1526959	369.513	ug/L	100

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42) Toluene	7.64	91	2056425	186.724	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	821084	193.741	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	497183	184.043	ug/L	98
46) Tetrachloroethene	8.23	164	434192	190.358	ug/L	98
48) 2-Hexanone	8.36	43	1222361	370.238	ug/L	98
49) Dibromochloromethane	8.48	129	635661	194.377	ug/L	97
50) 1,2-Dibromoethane	8.59	107	553522	185.636	ug/L	98
51) Chlorobenzene	9.12	112	1400457	189.516	ug/L	99
52) Ethylbenzene	9.25	91	2369835	192.768	ug/L	99
53) m,p-Xylene	9.38	106	918779	194.987	ug/L	98
54) o-xylene	9.78	106	921556	193.863	ug/L	97
55) Styrene	9.80	104	1591083	202.654	ug/L	99
56) Isopropylbenzene	10.17	105	2434077	197.725	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	882797	189.808	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	706053	186.341	ug/L	99
61) Bromoform	9.96	173	514790	185.027	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	1215322	185.911	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	1228217	185.919	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1244952	180.357	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	223427	172.959	ug/L	94
67) 1,3,5-Trichlorobenzene	12.89	180	957998	190.658	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	867713	193.664	ug/L	100
69) Naphthalene	13.75	128	2847494	183.675	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	892441	184.684	ug/L	99

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

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