

Data File : VU025456.D
Acq On : 17 Jul 2018 12:43
Operator : MD/SY
Sample : VSTD10044
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD10044

Quant Time: Jul 18 05:26:07 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	367098	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	344174	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	185516	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	169633	97.99	ug/L	0.00
7) Chloroethane-d5	1.67	69	142183	96.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	356603	93.81	ug/L	0.00
21) 2-Butanone-d5	4.18	46	357551	194.10	ug/L	0.00
24) Chloroform-d	4.65	84	438952	97.74	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	290221	94.96	ug/L	0.00
32) Benzene-d6	5.35	84	810469	97.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	264796	96.14	ug/L	0.00
41) Toluene-d8	7.57	98	797086	99.01	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	144218	100.58	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	286430	200.59	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	410835	100.46	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	355162	95.53	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	277139	91.763	ug/L	100
3) Chloromethane	1.33	50	244037	91.308	ug/L	98
5) Vinyl chloride	1.40	62	244074	90.825	ug/L	97
6) Bromomethane	1.62	94	148647	101.490	ug/L	99
8) Chloroethane	1.69	64	146717	91.232	ug/L	98
9) Trichlorofluoromethane	1.89	101	360046	91.136	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	196741	91.723	ug/L	100
12) 1,1-Dichloroethene	2.28	96	180500	90.716	ug/L	90
13) Acetone	2.32	43	268785	165.713	ug/L	99
14) Carbon disulfide	2.48	76	591321	91.971	ug/L	99
15) Methyl Acetate	2.62	43	267093	89.843	ug/L	98
16) Methylene chloride	2.70	84	233758	89.836	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	216796	92.116	ug/L	95
18) Methyl tert-butyl Ether	3.00	73	766363	91.900	ug/L	99
19) 1,1-Dichloroethane	3.45	63	426393	90.568	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	254801	88.426	ug/L	100
22) 2-Butanone	4.26	43	400131	180.711	ug/L	100
23) Bromochloromethane	4.55	128	133050	92.123	ug/L	99
25) Chloroform	4.68	83	447740	90.506	ug/L	98
27) 1,2-Dichloroethane	5.41	62	373463	90.905	ug/L	99
29) Cyclohexane	5.00	56	368688	93.025	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	410933	89.721	ug/L	100
31) Carbon tetrachloride	5.14	117	371891	92.426	ug/L	100
33) Benzene	5.39	78	922621	90.612	ug/L	100
34) Trichloroethene	6.19	95	244304	90.638	ug/L	98
35) Methylcyclohexane	6.42	83	389114	95.084	ug/L	100
37) 1,2-Dichloropropane	6.44	63	257371	91.630	ug/L	100
38) Bromodichloromethane	6.76	83	345749	91.166	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	408853	93.946	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	753074	184.863	ug/L	100

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42) Toluene	7.64	91	1012806	93.288	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	398713	95.434	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	246816	92.680	ug/L	98
46) Tetrachloroethene	8.23	164	211819	94.203	ug/L	97
48) 2-Hexanone	8.36	43	596678	183.329	ug/L	99
49) Dibromochloromethane	8.48	129	307045	95.242	ug/L	97
50) 1,2-Dibromoethane	8.59	107	274350	93.335	ug/L	99
51) Chlorobenzene	9.12	112	687637	94.394	ug/L	98
52) Ethylbenzene	9.25	91	1151980	95.054	ug/L	100
53) m,p-Xylene	9.38	106	446032	96.022	ug/L	97
54) o-xylene	9.78	106	448607	95.731	ug/L	96
55) Styrene	9.80	104	764450	98.769	ug/L	100
56) Isopropylbenzene	10.17	105	1172879	96.648	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	422644	92.180	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	343719	92.021	ug/L	99
61) Bromoform	9.96	173	236435	90.349	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	563546	91.654	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	568095	91.428	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	584570	90.038	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	106581	87.720	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	442082	93.541	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	398976	94.674	ug/L	100
69) Naphthalene	13.74	128	1357880	93.123	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	421962	92.839	ug/L	99

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

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