

Data File : VU025455.D
Acq On : 17 Jul 2018 12:20
Operator : MD/SY
Sample : VSTD05043
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05043

Quant Time: Jul 18 05:25:50 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	343261	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	317104	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	153406	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80316	49.61	ug/L	0.00
7) Chloroethane-d5	1.68	69	65647	47.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	172577	48.55	ug/L	0.00
21) 2-Butanone-d5	4.18	46	178934	103.88	ug/L	0.00
24) Chloroform-d	4.65	84	211208	50.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	142927	50.01	ug/L	0.00
32) Benzene-d6	5.34	84	388019	50.63	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	127285	50.16	ug/L	0.00
41) Toluene-d8	7.57	98	370073	49.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	66631	50.44	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	133611	101.55	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	188312	49.98	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	153362	49.89	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	131104	46.424	ug/L	100
3) Chloromethane	1.33	50	119097	47.655	ug/L	100
5) Vinyl chloride	1.40	62	122247	48.650	ug/L	100
6) Bromomethane	1.63	94	67963	49.625	ug/L	100
8) Chloroethane	1.70	64	71446	47.512	ug/L	100
9) Trichlorofluoromethane	1.89	101	174576	47.258	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	88635	44.192	ug/L	100
12) 1,1-Dichloroethene	2.28	96	89487	48.098	ug/L	100
13) Acetone	2.34	43	132381	87.284	ug/L	100
14) Carbon disulfide	2.48	76	283711	47.191	ug/L	100
15) Methyl Acetate	2.62	43	137259	49.377	ug/L	100
16) Methylene chloride	2.70	84	118555	48.726	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	106796	48.529	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	392461	50.331	ug/L	100
19) 1,1-Dichloroethane	3.45	63	217032	49.300	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	130557	48.455	ug/L	100
22) 2-Butanone	4.27	43	204173	98.614	ug/L	100
23) Bromochloromethane	4.55	128	68268	50.551	ug/L	100
25) Chloroform	4.68	83	229889	49.697	ug/L	100
27) 1,2-Dichloroethane	5.41	62	190520	49.595	ug/L	100
29) Cyclohexane	5.00	56	174263	47.722	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	206922	49.035	ug/L	100
31) Carbon tetrachloride	5.14	117	184392	49.739	ug/L	100
33) Benzene	5.39	78	461371	49.180	ug/L	100
34) Trichloroethene	6.19	95	119879	48.272	ug/L	100
35) Methylcyclohexane	6.42	83	166196	44.079	ug/L	100
37) 1,2-Dichloropropane	6.44	63	129565	50.066	ug/L	100
38) Bromodichloromethane	6.76	83	174271	49.874	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	205710	51.303	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	372893	99.351	ug/L	100

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42) Toluene	7.64	91	489367	48.923	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	191887	49.850	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	121488	49.513	ug/L	100
46) Tetrachloroethene	8.23	164	94298	45.518	ug/L	100
48) 2-Hexanone	8.36	43	297336	99.155	ug/L	100
49) Dibromochloromethane	8.48	129	148762	50.084	ug/L	100
50) 1,2-Dibromoethane	8.59	107	134778	49.766	ug/L	100
51) Chlorobenzene	9.12	112	324691	48.376	ug/L	100
52) Ethylbenzene	9.25	91	538851	48.258	ug/L	100
53) m,p-Xylene	9.38	106	205083	47.919	ug/L	100
54) o-xylene	9.78	106	209939	48.624	ug/L	100
55) Styrene	9.80	104	351008	49.223	ug/L	100
56) Isopropylbenzene	10.17	105	536882	48.017	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	205265	48.591	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	166528	48.389	ug/L	100
61) Bromoform	9.96	173	112064	51.787	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	243138	47.821	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	244589	47.603	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	261129	48.639	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	51319	51.078	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	176683	45.210	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	161304	46.288	ug/L	100
69) Naphthalene	13.75	128	608642	50.478	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	181792	48.370	ug/L	100

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

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