

Data File : VU026821.D
Acq On : 17 Sep 2018 13:37
Operator : MD/SY
Sample : VSTD05051
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05051

Quant Time: Sep 18 00:50:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 18 00:50:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	259174	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	249710	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	128482	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	96460	50.31	ug/L	0.00
7) Chloroethane-d5	1.68	69	83287	50.75	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	181817	50.12	ug/L	0.00
21) 2-Butanone-d5	4.18	46	130237	102.36	ug/L	0.00
24) Chloroform-d	4.65	84	182856	51.42	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	113268	50.58	ug/L	0.00
32) Benzene-d6	5.34	84	370667	52.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	116481	51.66	ug/L	0.00
41) Toluene-d8	7.57	98	344073	54.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	52490	52.14	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	97054	109.52	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	162394	51.65	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	135446	50.68	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	120188	49.068	ug/L	100
3) Chloromethane	1.33	50	123252	49.331	ug/L	100
5) Vinyl chloride	1.40	62	120568	49.586	ug/L	100
6) Bromomethane	1.62	94	57960	48.262	ug/L	100
8) Chloroethane	1.70	64	75534	49.572	ug/L	100
9) Trichlorofluoromethane	1.88	101	150085	49.680	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	89129	49.805	ug/L	100
12) 1,1-Dichloroethene	2.28	96	83779	49.847	ug/L	100
13) Acetone	2.32	43	124524	99.578	ug/L	100
14) Carbon disulfide	2.48	76	283088	48.809	ug/L	100
15) Methyl Acetate	2.62	43	106873	49.326	ug/L	100
16) Methylene chloride	2.70	84	105027	49.157	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	90319	48.793	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	272735	50.384	ug/L	100
19) 1,1-Dichloroethane	3.45	63	177227	49.640	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	101771	49.989	ug/L	100
22) 2-Butanone	4.26	43	159329	103.317	ug/L	100
23) Bromochloromethane	4.55	128	53701	48.853	ug/L	100
25) Chloroform	4.67	83	179718	49.699	ug/L	100
27) 1,2-Dichloroethane	5.40	62	141857	50.271	ug/L	100
29) Cyclohexane	5.00	56	152148	52.477	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	149666	50.380	ug/L	100
31) Carbon tetrachloride	5.14	117	133877	50.289	ug/L	100
33) Benzene	5.39	78	399655	51.622	ug/L	100
34) Trichloroethene	6.19	95	91538	49.273	ug/L	100
35) Methylcyclohexane	6.42	83	160520	53.006	ug/L	100
37) 1,2-Dichloropropane	6.43	63	109367	51.425	ug/L	100
38) Bromodichloromethane	6.76	83	133643	50.672	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	154393	51.393	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	268148	106.113	ug/L	100

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42) Toluene	7.64	91	412452	52.645	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	144613	51.411	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	98470	50.786	ug/L	100
46) Tetrachloroethene	8.23	164	83372	50.624	ug/L	100
48) 2-Hexanone	8.36	43	219450	107.660	ug/L	100
49) Dibromochloromethane	8.48	129	110200	50.209	ug/L	100
50) 1,2-Dibromoethane	8.59	107	101867	50.395	ug/L	100
51) Chlorobenzene	9.12	112	265915	50.021	ug/L	100
52) Ethylbenzene	9.25	91	432284	52.674	ug/L	100
53) m,p-Xylene	9.38	106	170748	54.121	ug/L	100
54) o-xylene	9.78	106	167194	54.390	ug/L	100
55) Styrene	9.79	104	296798	55.924	ug/L	100
56) Isopropylbenzene	10.17	105	423865	53.981	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	163244	50.056	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	128570	50.470	ug/L	100
61) Bromoform	9.96	173	81621	48.309	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	192961	49.266	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	208023	48.233	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	218669	50.421	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	32072	48.746	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	151741	50.065	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	127035	48.638	ug/L	100
69) Naphthalene	13.74	128	418316	54.365	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	151329	52.614	ug/L	100

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

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