

Data File : VU027731.D
Acq On : 22 Oct 2018 09:51
Operator : MD/SY
Sample : VSTD10055
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD10055

Manual Integrations
APPROVED

MMDadoda
10/23/2018 3:56:07 PM

Quant Time: Oct 23 07:32:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 23 07:17:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	122243	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	117256	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	58958	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	94425	99.28	ug/L	0.00
7) Chloroethane-d5	1.67	69	71842	98.11	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	171783	100.28	ug/L	0.00
21) 2-Butanone-d5	4.18	46	163193	201.34	ug/L	0.00
24) Chloroform-d	4.65	84	170339	99.62	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	114716	96.89	ug/L	0.00
32) Benzene-d6	5.34	84	326975	97.92	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	116073	97.36	ug/L	0.00
41) Toluene-d8	7.57	98	303734	98.61	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	57929	100.06	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	123839	202.98	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	150982	98.07	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	117954	97.67	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	99693	100.350	ug/L	100
3) Chloromethane	1.33	50	117780	101.205	ug/L	99
5) Vinyl chloride	1.40	62	110230	99.855	ug/L	100
6) Bromomethane	1.62	94	56036	100.673	ug/L	97
8) Chloroethane	1.69	64	59709	100.213	ug/L	98
9) Trichlorofluoromethane	1.88	101	135077	101.556	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	72375	99.369	ug/L	98
12) 1,1-Dichloroethene	2.28	96	68528	100.606	ug/L	92
13) Acetone	2.32	43	105726	187.258	ug/L	98
14) Carbon disulfide	2.48	76	238058	100.371	ug/L	99
15) Methyl Acetate	2.62	43	117539	98.923	ug/L	100
16) Methylene chloride	2.70	84	84180	100.046	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	75882	100.707	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	282471	100.297	ug/L	99
19) 1,1-Dichloroethane	3.45	63	165100	100.972	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	88803m	99.634	ug/L	
22) 2-Butanone	4.26	43	170476	202.922	ug/L	100
23) Bromochloromethane	4.55	128	42972	103.242	ug/L	97
25) Chloroform	4.67	83	162291	102.275	ug/L	100
27) 1,2-Dichloroethane	5.40	62	139065	100.986	ug/L	100
29) Cyclohexane	5.00	56	168876	100.480	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	142643	100.361	ug/L	99
31) Carbon tetrachloride	5.14	117	124524	97.360	ug/L	97
33) Benzene	5.39	78	351095	100.652	ug/L	100
34) Trichloroethene	6.19	95	87310	99.981	ug/L	98
35) Methylcyclohexane	6.42	83	151051	100.017	ug/L	99
37) 1,2-Dichloropropane	6.43	63	103813	100.726	ug/L	100
38) Bromodichloromethane	6.76	83	130065	101.553	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	161390	101.698	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	333155	201.127	ug/L	99

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42) Toluene	7.64	91	368853	100.970	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	153350	102.153	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	84716	99.512	ug/L	97
46) Tetrachloroethene	8.23	164	68187	101.109	ug/L	96
48) 2-Hexanone	8.36	43	256081	199.349	ug/L	97
49) Dibromochloromethane	8.48	129	102152	101.265	ug/L	99
50) 1,2-Dibromoethane	8.59	107	93528	102.933	ug/L	95
51) Chlorobenzene	9.12	112	224529	100.252	ug/L	98
52) Ethylbenzene	9.25	91	420511	101.763	ug/L	99
53) m,p-Xylene	9.38	106	153377	102.746	ug/L	100
54) o-xylene	9.78	106	150943	101.439	ug/L	99
55) Styrene	9.79	104	261482	103.238	ug/L	97
56) Isopropylbenzene	10.17	105	406393	103.126	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	151540	100.101	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	122978	100.963	ug/L	99
61) Bromoform	9.96	173	80786	102.790	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	178845	101.164	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	180304	100.021	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	183449	100.888	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	37066	97.829	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	139457	101.994	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	128481	105.847	ug/L	99
69) Naphthalene	13.74	128	417044	106.375	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	133687	105.379	ug/L	99

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

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