

Data File : VU027732.D
Acq On : 22 Oct 2018 10:14
Operator : MD/SY
Sample : VSTD20056
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD20056

Quant Time: Oct 23 07:22:24 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	120754	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	117522	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	61997	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	182884	194.65	ug/L	0.00
7) Chloroethane-d5	1.67	69	138146	190.98	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.27	63	335424	198.22	ug/L	0.00
21) 2-Butanone-d5	4.18	46	326704	408.04	ug/L	0.00
24) Chloroform-d	4.65	84	332606	196.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	224766	192.18	ug/L	0.00
32) Benzene-d6	5.34	84	633181	189.19	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	226197	189.30	ug/L	0.00
41) Toluene-d8	7.57	98	597545	193.55	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	117226	202.02	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	250356	409.42	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	313170	202.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	244179	192.28	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	200689	204.502	ug/L	100
3) Chloromethane	1.33	50	240670	209.351	ug/L	100
5) Vinyl chloride	1.40	62	223337	204.810	ug/L	100
6) Bromomethane	1.61	94	124096	225.698	ug/L	98
8) Chloroethane	1.68	64	120421	204.601	ug/L	100
9) Trichlorofluoromethane	1.88	101	268355	204.247	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	144493	200.831	ug/L	98
12) 1,1-Dichloroethene	2.28	96	137718	204.677	ug/L	96
13) Acetone	2.32	43	209210	375.114	ug/L	99
14) Carbon disulfide	2.48	76	481776	205.632	ug/L	99
15) Methyl Acetate	2.62	43	233030	198.541	ug/L	100
16) Methylene chloride	2.70	84	168169	202.329	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	152021	204.244	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	567760	204.080	ug/L	100
19) 1,1-Dichloroethane	3.45	63	328261	203.234	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	180275	204.757	ug/L	98
22) 2-Butanone	4.26	43	343294	413.670	ug/L	100
23) Bromochloromethane	4.55	128	86398	210.135	ug/L	96
25) Chloroform	4.67	83	324742	207.174	ug/L	99
27) 1,2-Dichloroethane	5.40	62	278956	205.069	ug/L	99
29) Cyclohexane	5.00	56	336215	199.592	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	285972	200.750	ug/L	99
31) Carbon tetrachloride	5.14	117	253115	197.452	ug/L	98
33) Benzene	5.39	78	705472	201.787	ug/L	100
34) Trichloroethene	6.19	95	178566	204.018	ug/L	99
35) Methylcyclohexane	6.42	83	305638	201.918	ug/L	99
37) 1,2-Dichloropropane	6.43	63	206574	199.978	ug/L	100
38) Bromodichloromethane	6.76	83	261116	203.414	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	328794	206.718	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	678100	408.446	ug/L	99

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42) Toluene	7.64	91	744782	203.415	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	314083	208.751	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	173871	203.775	ug/L	98
46) Tetrachloroethene	8.23	164	140653	208.090	ug/L	96
48) 2-Hexanone	8.37	43	532507	413.597	ug/L	97
49) Dibromochloromethane	8.48	129	209449	207.160	ug/L	98
50) 1,2-Dibromoethane	8.59	107	191037	209.771	ug/L	96
51) Chlorobenzene	9.12	112	465330	207.299	ug/L	98
52) Ethylbenzene	9.25	91	866073	209.113	ug/L	100
53) m,p-Xylene	9.38	106	314248	210.035	ug/L	100
54) o-xylene	9.78	106	312258	209.373	ug/L	98
55) Styrene	9.79	104	546219	215.170	ug/L	97
56) Isopropylbenzene	10.17	105	840940	212.912	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	318889	210.168	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	251255	205.810	ug/L	98
61) Bromoform	9.96	173	171650	207.696	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	388905	209.201	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	389833	205.654	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	390410	204.181	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	80364	201.708	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	305110	212.208	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	282786	221.548	ug/L	99
69) Naphthalene	13.74	128	880891	213.674	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	283310	212.373	ug/L	99

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

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