

Data File : VU027728.D
Acq On : 22 Oct 2018 08:41
Operator : MD/SY
Sample : VSTD00552
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00552

Manual Integrations
APPROVED

MMDadoda
10/23/2018 3:56:01 PM

Quant Time: Oct 23 07:26:13 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	119870	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	110836	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51090	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	4353	4.67	ug/L	0.00
7) Chloroethane-d5	1.68	69	3545	4.94	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	7965	4.74	ug/L	0.00
21) 2-Butanone-d5	4.19	46	7109	8.94	ug/L	0.00
24) Chloroform-d	4.65	84	7634	4.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	5500	4.74	ug/L	0.00
32) Benzene-d6	5.34	84	15247	4.83	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	5493	4.87	ug/L	0.00
41) Toluene-d8	7.57	98	13983	4.80	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	2555	4.67	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	5204	9.02	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	6923	4.76	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	5136	4.91	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	4373	4.489 ug/L	97
3) Chloromethane	1.33	50	5297	4.642 ug/L	99
5) Vinyl chloride	1.40	62	4902	4.529 ug/L	96
6) Bromomethane	1.63	94	2381	4.362 ug/L	96
8) Chloroethane	1.70	64	2557	4.377 ug/L	88
9) Trichlorofluoromethane	1.89	101	5813	4.457 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	3426	4.797 ug/L	93
12) 1,1-Dichloroethene	2.29	96	2921	4.373 ug/L	87
13) Acetone	2.32	43	5931	10.713 ug/L	97
14) Carbon disulfide	2.48	76	10556	4.539 ug/L	100
15) Methyl Acetate	2.62	43	5587	4.795 ug/L	94
16) Methylene chloride	2.70	84	3813	4.621 ug/L	96
17) trans-1,2-Dichloroethene	2.99	96	3373	4.565 ug/L	89
18) Methyl tert-butyl Ether	3.00	73	12567	4.550 ug/L #	88
19) 1,1-Dichloroethane	3.45	63	7091	4.423 ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	4071	4.658 ug/L	94
22) 2-Butanone	4.28	43	7364	8.939 ug/L	92
23) Bromochloromethane	4.56	128	1766	4.327 ug/L	97
25) Chloroform	4.68	83	6817m	4.381 ug/L	
27) 1,2-Dichloroethane	5.41	62	6002	4.445 ug/L	96
29) Cyclohexane	5.00	56	7199	4.531 ug/L	95
30) 1,1,1-Trichloroethane	4.92	97	6022	4.482 ug/L	98
31) Carbon tetrachloride	5.13	117	5735	4.744 ug/L	96
33) Benzene	5.39	78	14945	4.533 ug/L	100
34) Trichloroethene	6.19	95	3718	4.504 ug/L	99
35) Methylcyclohexane	6.42	83	6525	4.571 ug/L	97
37) 1,2-Dichloropropane	6.44	63	4493	4.612 ug/L #	93
38) Bromodichloromethane	6.76	83	5498	4.541 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	6767	4.511 ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	14765	9.430 ug/L	95

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42) Toluene	7.64	91	15469	4.480	ug/L	95
44) trans-1,3-Dichloropropene	7.88	75	6167	4.346	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	3699	4.597	ug/L	94
46) Tetrachloroethene	8.23	164	2823	4.428	ug/L	92
48) 2-Hexanone	8.37	43	11022	9.077	ug/L	97
49) Dibromochloromethane	8.48	129	4494	4.713	ug/L	95
50) 1,2-Dibromoethane	8.59	107	3796	4.420	ug/L #	97
51) Chlorobenzene	9.12	112	9596	4.533	ug/L	99
52) Ethylbenzene	9.25	91	17363	4.445	ug/L	99
53) m,p-Xylene	9.38	106	6277	4.448	ug/L	97
54) o-xylene	9.78	106	6148	4.371	ug/L	92
55) Styrene	9.79	104	10429	4.356	ug/L	94
56) Isopropylbenzene	10.17	105	16147	4.335	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	6529	4.563	ug/L	95
59) 1,2,3-Trichloropropane	10.49	75	5206	4.522	ug/L	99
61) Bromoform	9.96	173	3131	4.597	ug/L #	97
62) 1,3-Dichlorobenzene	11.42	146	6648	4.340	ug/L	90
63) 1,4-Dichlorobenzene	11.51	146	7408	4.742	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	7061	4.481	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.66	75	1628	4.959	ug/L	87
67) 1,3,5-Trichlorobenzene	12.89	180	5311	4.482	ug/L	93
68) 1,2,4-trichlorobenzene	13.51	180	4265	4.055	ug/L	98
69) Naphthalene	13.75	128	13837	4.073	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	4623	4.205	ug/L	96

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

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