Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030118\
Data File : BN000221.D
Acq On : 01 Mar 2018 17:20
Operator : JU/SJ
Sample : J1161-03
Misc : MDL 0.1 PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-03-QT1-2018

Quant Time: Mar 01 18:03:18 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-SIM-BN022718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 15:07:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6618	0.40	ng		0.00
7) Naphthalene-d8	11.29	136	24257	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	12107	0.40	ng		0.00
19) Phenanthrene-d10	17.78	188	27944	0.40	ng		0.00
27) Chrysene-d12	21.89	240	20111	0.40	ng		0.00
34) Perylene-d12	24.37	264	15378	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.93	112	4739	0.34	ng		0.00
5) Phenol-d6	7.57	99	5738	0.32	ng		0.00
8) Nitrobenzene-d5	9.63	82	4491	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.85	152	13194	0.36	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	1151	0.30	ng		0.00
15) 2-Fluorobiphenyl	13.69	172	19528	0.34	ng		0.00
25) Fluoranthene-d10	19.77	212	23660	0.32	ng		0.00
29) Terphenyl-d14	20.33	244	13320	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	668	0.097	ng		95
3) n-Nitrosodimethylamine	4.05	42	210	0.135	ng	#	84
6) bis(2-Chloroethyl)ether	7.85	93	2007	0.089	ng		99
9) Naphthalene	11.34	128	6554	0.092	ng	#	94
10) Hexachlorobutadiene	11.62	225	1108	0.092	ng		99
12) 2-Methylnaphthalene	12.92	142	4203	0.090	ng		99
16) Acenaphthylene	14.79	152	4469	0.078	ng		100
17) Acenaphthene	15.12	154	3945	0.088	ng		95
18) Fluorene	16.09	166	4814	0.086	ng	#	80
20) 4-Bromophenyl-phenylether	16.96	248	1320	0.082	ng	#	64
21) Hexachlorobenzene	17.09	284	1871	0.087	ng		95
22) Pentachlorophenol	17.43	266	300	0.140	ng		92
23) Phenanthrene	17.82	178	8381	0.085	ng		97
24) Anthracene	17.91	178	5516	0.074	ng		96
26) Fluoranthene	19.80	202	8132	0.080	ng	#	95
28) Pyrene	20.15	202	8011	0.101	ng		99
30) Benzo(a)anthracene	21.87	228	5308	0.084	ng		98
31) Chrysene	21.93	228	6795	0.092	ng		98
32) Bis(2-ethylhexyl)phthalate	21.76	149	2237	0.095	ng		99
33) Indeno(1,2,3-cd)pyrene	26.92	276	5093	0.074	ng	#	88
35) Benzo(b)fluoranthene	23.61	252	6348	0.090	ng	#	91
36) Benzo(k)fluoranthene	23.66	252	5680	0.083	ng	#	71
37) Benzo(a)pyrene	24.26	252	4510	0.079	ng	#	65
38) Dibenzo(a,h)anthracene	26.93	278	3959	0.078	ng	#	79
39) Benzo(g,h,i)perylene	27.70	276	5236	0.087	ng	#	80

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

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