Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030118\
Data File : BN000219.D
Acq On : 01 Mar 2018 16:11
Operator : JU/SJ
Sample : J1161-01
Misc : LOD 0.1 PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT1-2018

Quant Time: Mar 01 17:47:23 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	5199	0.40	ng		0.00
7) Naphthalene-d8	11.29	136	19358	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	9912	0.40	ng		0.00
19) Phenanthrene-d10	17.78	188	24534	0.40	ng		0.00
27) Chrysene-d12	21.89	240	19274	0.40	ng		0.00
34) Perylene-d12	24.37	264	15293	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.93	112	3638	0.33	ng		0.00
5) Phenol-d6	7.57	99	4412	0.32	ng		0.00
8) Nitrobenzene-d5	9.63	82	3547	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.85	152	10392	0.36	ng		0.00
14) 2,4,6-Tribromophenol	16.54	330	967	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.69	172	15300	0.33	ng		0.00
25) Fluoranthene-d10	19.77	212	20888	0.32	ng		0.00
29) Terphenyl-d14	20.34	244	11761	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	493	0.092	ng		96
3) n-Nitrosodimethylamine	4.07	42	146	0.131	ng	#	74
6) bis(2-Chloroethyl)ether	7.85	93	1431	0.081	ng		98
9) Naphthalene	11.34	128	4847	0.086	ng	#	93
10) Hexachlorobutadiene	11.62	225	814	0.085	ng		98
12) 2-Methylnaphthalene	12.92	142	3094	0.083	ng		98
16) Acenaphthylene	14.78	152	3341	0.072	ng		99
17) Acenaphthene	15.12	154	2920	0.079	ng		95
18) Fluorene	16.09	166	3746	0.082	ng	#	80
20) 4-Bromophenyl-phenylether	16.96	248	1018	0.072	ng	#	67
21) Hexachlorobenzene	17.09	284	1448	0.077	ng		95
22) Pentachlorophenol	17.43	266	267	0.140	ng	#	84
23) Phenanthrene	17.82	178	6682	0.077	ng		96
24) Anthracene	17.91	178	4505	0.069	ng		96
26) Fluoranthene	19.80	202	6595	0.074	ng	#	95
28) Pyrene	20.16	202	6654	0.088	ng		99
30) Benzo(a)anthracene	21.88	228	4607	0.076	ng		97
31) Chrysene	21.93	228	6183	0.087	ng		99
32) Bis(2-ethylhexyl)phthalate	21.76	149	1860	0.082	ng		98
33) Indeno(1,2,3-cd)pyrene	26.92	276	4793	0.072	ng	#	89
35) Benzo(b)fluoranthene	23.61	252	5658	0.081	ng	#	90
36) Benzo(k)fluoranthene	23.66	252	5253	0.077	ng	#	68
37) Benzo(a)pyrene	24.26	252	4073	0.072	ng	#	62
38) Dibenzo(a,h)anthracene	26.93	278	3593	0.071	ng	#	78
39) Benzo(g,h,i)perylene	27.70	276	4878	0.082	ng	#	79

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

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