Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040119\
Data File : BN005050.D
Acq On : 01 Apr 2019 16:17
Operator : JU/SJ
Sample : K1560-03
Misc : MDL 01 PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-MDL-SOIL-03-QT1-2019

Quant Time: Apr 02 01:36:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 03:42:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2736	0.40	ng		0.00
7) Naphthalene-d8	10.44	136	11453	0.40	ng		0.00
13) Acenaphthene-d10	14.31	164	6740	0.40	ng		0.01
19) Phenanthrene-d10	17.06	188	15895	0.40	ng		0.00
27) Chrysene-d12	21.27	240	15644	0.40	ng		0.01
34) Perylene-d12	23.50	264	14679	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	2600	0.38	ng		0.00
5) Phenol-d6	6.85	99	2965	0.37	ng		0.00
8) Nitrobenzene-d5	8.84	82	2176	0.33	ng		0.01
11) 2-Methylnaphthalene-d10	12.05	152	6417	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	1199	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.93	172	10144	0.40	ng		0.01
25) Fluoranthene-d10	19.10	212	15644	0.34	ng		0.00
29) Terphenyl-d14	19.70	244	14902	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	316	0.107	ng		93
3) n-Nitrosodimethylamine	3.58	42	101	0.056	ng	#	59
6) bis(2-Chloroethyl)ether	7.10	93	716	0.094	ng		92
9) Naphthalene	10.49	128	2939	0.102	ng	#	92
10) Hexachlorobutadiene	10.76	225	558	0.104	ng	#	99
12) 2-Methylnaphthalene	12.12	142	1992	0.096	ng		98
16) Acenaphthylene	14.03	152	2715	0.085	ng		99
17) Acenaphthene	14.37	154	1968	0.097	ng		100
18) Fluorene	15.37	166	2581	0.095	ng		99
20) 4-Bromophenyl-phenylether	16.25	248	834	0.092	ng	#	84
21) Hexachlorobenzene	16.36	284	1024	0.102	ng		97
22) Pentachlorophenol	16.77	266	59	0.119	ng	#	73
23) Phenanthrene	17.10	178	4192	0.094	ng		99
24) Anthracene	17.21	178	3420	0.086	ng		99
26) Fluoranthene	19.13	202	4937	0.091	ng		99
28) Pyrene	19.50	202	4916	0.111	ng		100
30) Benzo(a)anthracene	21.26	228	4011	0.091	ng		97
31) Chrysene	21.30	228	4942	0.104	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	2435	0.132	ng		100
33) Indeno(1,2,3-cd)pyrene	25.77	276	4870	0.091	ng		98
35) Benzo(b)fluoranthene	22.83	252	4604	0.098	ng	#	87
36) Benzo(k)fluoranthene	22.88	252	4625	0.102	ng	#	86
37) Benzo(a)pyrene	23.41	252	3965	0.095	ng	#	78
38) Dibenzo(a,h)anthracene	25.78	278	3905	0.093	ng	#	85
39) Benzo(g,h,i)perylene	26.47	276	4191	0.099	ng		92

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

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