Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070919\
Data File : BN006769.D
Acq On : 09 Jul 2019 16:32
Operator : HP/JU
Sample : K2241-03
Misc : MDL-S-0.1PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-MDL-SOIL-03-QT2-2019

Quant Time: Jul 09 17:12:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 13:11:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3233	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	11679	0.40	ng		0.01
13) Acenaphthene-d10	14.24	164	6976	0.40	ng		0.00
19) Phenanthrene-d10	17.01	188	16190	0.40	ng		0.01
27) Chrysene-d12	21.25	240	16032	0.40	ng		0.01
34) Perylene-d12	23.49	264	18470	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	2720	0.38	ng		0.00
5) Phenol-d6	6.83	99	3253	0.33	ng		0.02
8) Nitrobenzene-d5	8.82	82	2555	0.32	ng		0.04
11) 2-Methylnaphthalene-d10	11.99	152	6674	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	1073	0.33	ng		0.01
15) 2-Fluorobiphenyl	12.87	172	9954	0.38	ng		0.01
25) Fluoranthene-d10	19.06	212	19007	0.39	ng		0.00
29) Terphenyl-d14	19.66	244	15043	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	751	0.141	ng		96
3) n-Nitrosodimethylamine	3.50	42	294	0.264	ng		98
6) bis(2-Chloroethyl)ether	7.07	93	887	0.081	ng	#	93
9) Naphthalene	10.43	128	3959	0.127	ng	#	93
10) Hexachlorobutadiene	10.68	225	865	0.128	ng	#	99
12) 2-Methylnaphthalene	12.06	142	2485	0.124	ng		96
16) Acenaphthylene	13.96	152	3918	0.119	ng		99
17) Acenaphthene	14.31	154	2723	0.123	ng		99
18) Fluorene	15.31	166	3171	0.116	ng		99
20) 4-Bromophenyl-phenylether	16.21	248	989	0.108	ng	#	92
21) Hexachlorobenzene	16.32	284	1436	0.120	ng		98
22) Pentachlorophenol	16.74	266	227	0.307	ng		89
23) Phenanthrene	17.06	178	5407	0.120	ng		99
24) Anthracene	17.16	178	4016	0.103	ng		99
26) Fluoranthene	19.09	202	7132	0.127	ng		99
28) Pyrene	19.46	202	7300	0.131	ng		99
30) Benzo(a)anthracene	21.24	228	6019	0.122	ng		97
31) Chrysene	21.29	228	6763	0.122	ng		98
32) Bis(2-ethylhexyl)phthalate	21.14	149	2294	0.100	ng		97
33) Indeno(1,2,3-cd)pyrene	25.73	276	8520	0.126	ng		100
35) Benzo(b)fluoranthene	22.83	252	6904	0.119	ng	#	92
36) Benzo(k)fluoranthene	22.87	252	8485	0.130	ng	#	90
37) Benzo(a)pyrene	23.40	252	7092	0.126	ng	#	87
38) Dibenzo(a,h)anthracene	25.74	278	6855	0.121	ng	#	91
39) Benzo(g,h,i)perylene	26.41	276	7719	0.130	ng		95

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

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