

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051618\
 Data File : BE096593.D
 Acq On : 16 May 2018 14:55
 Operator : SJ/JU
 Sample : J2133-02
 Misc : LOQ 0.2
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT2-2018

Quant Time: May 17 03:55:07 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 15 13:02:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	710	0.40	ng	0.00
7) Naphthalene-d8	11.17	136	2861	0.40	ng	-0.01
13) Acenaphthene-d10	14.92	164	1641	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3742	0.40	ng	0.00
27) Chrysene-d12	21.73	240	3543	0.40	ng	0.00
34) Perylene-d12	24.33	264	3264	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.84	112	655	0.33	ng	-0.01
5) Phenol-d6	7.49	99	874	0.32	ng	-0.01
8) Nitrobenzene-d5	9.52	82	1057	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.72	152	1628	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	194	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2423	0.34	ng	0.00
25) Fluoranthene-d10	19.62	212	15992	0.35	ng	0.00
29) Terphenyl-d14	20.18	244	2672	0.33	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	209	0.196	ng	94
3) n-Nitrosodimethylamine	3.95	42	230	0.173	ng	# 74
6) bis(2-Chloroethyl)ether	7.74	93	483	0.186	ng	91
9) Naphthalene	11.22	128	5388	0.179	ng	# 97
10) Hexachlorobutadiene	11.48	225	277	0.165	ng	92
12) 2-Methylnaphthalene	12.79	142	896	0.174	ng	# 92
16) Acenaphthylene	14.65	152	1501	0.175	ng	99
17) Acenaphthene	14.98	154	948	0.182	ng	96
18) Fluorene	15.95	166	1448	0.223	ng	# 68
20) 4-Bromophenyl-phenylether	16.82	248	410	0.181	ng	# 84
21) Hexachlorobenzene	16.95	284	418	0.177	ng	# 81
22) Pentachlorophenol	17.31	266	72	0.277	ng	96
23) Phenanthrene	17.67	178	1938	0.184	ng	98
24) Anthracene	17.77	178	1725	0.176	ng	96
26) Fluoranthene	19.65	202	2296	0.183	ng	# 97
28) Pyrene	20.00	202	1236	0.193	ng	98
30) Benzo(a)anthracene	21.72	228	2002	0.184	ng	97
31) Chrysene	21.77	228	2090	0.184	ng	95
32) Bis(2-ethylhexyl)phthalate	21.58	149	3798	0.163	ng	100
33) Indeno(1,2,3-cd)pyrene	27.10	276	1907	0.175	ng	# 93
35) Benzo(b)fluoranthene	23.52	252	1783	0.177	ng	# 92
36) Benzo(k)fluoranthene	23.57	252	1903	0.179	ng	# 82
37) Benzo(a)pyrene	24.21	252	1707	0.177	ng	# 87
38) Dibenzo(a,h)anthracene	27.11	278	1552	0.176	ng	# 87
39) Benzo(g,h,i)perylene	27.96	276	1670	0.181	ng	# 86

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

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