

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
 Data File : BE095554.D
 Acq On : 7 Feb 2018 15:53
 Operator : SJ/JU
 Sample : J1161-02
 Misc : L00 0.2ppm
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT1-2018

Quant Time: Feb 08 01:15:40 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 20:27:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1200	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4688	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2696	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6372	0.40	ng	0.00
27) Chrysene-d12	21.79	240	6515	0.40	ng	0.00
34) Perylene-d12	24.43	264	5897	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1165	0.32	ng	0.00
5) Phenol-d6	7.55	99	1560	0.31	ng	-0.01
8) Nitrobenzene-d5	9.62	82	1615	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	2760	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	333	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.65	172	4064	0.35	ng	0.00
25) Fluoranthene-d10	19.69	212	28740	0.34	ng	0.00
29) Terphenyl-d14	20.25	244	4671	0.34	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	379	0.191	ng	# 84
3) n-Nitrosodimethylamine	4.00	42	437	0.175	ng	83
6) bis(2-Chloroethyl)ether	7.83	93	882	0.191	ng	91
9) Naphthalene	11.31	128	10390	0.191	ng	# 98
10) Hexachlorobutadiene	11.58	225	512	0.175	ng	# 90
12) 2-Methylnaphthalene	12.88	142	1784	0.193	ng	95
16) Acenaphthylene	14.73	152	2812	0.183	ng	98
17) Acenaphthene	15.06	154	1829	0.191	ng	94
18) Fluorene	16.04	166	2297	0.191	ng	# 80
20) 4-Bromophenyl-phenylether	16.91	248	739	0.193	ng	# 69
21) Hexachlorobenzene	17.03	284	793	0.201	ng	# 81
22) Pentachlorophenol	17.37	266	138	0.247	ng	84
23) Phenanthrene	17.74	178	3904	0.200	ng	99
24) Anthracene	17.83	178	3398	0.186	ng	97
26) Fluoranthene	19.72	202	4693	0.190	ng	98
28) Pyrene	20.07	202	5111	0.187	ng	96
30) Benzo(a)anthracene	21.78	228	4025	0.185	ng	100
31) Chrysene	21.84	228	4052	0.189	ng	98
32) Bis(2-ethylhexyl)phthalate	21.65	149	7882	0.158	ng	100
33) Indeno(1,2,3-cd)pyrene	27.24	276	3637	0.176	ng	# 94
35) Benzo(b)fluoranthene	23.61	252	3862	0.192	ng	# 93
36) Benzo(k)fluoranthene	23.66	252	3970	0.192	ng	# 91
37) Benzo(a)pyrene	24.31	252	3625	0.194	ng	# 92
38) Dibenzo(a,h)anthracene	27.26	278	2826	0.173	ng	96
39) Benzo(g,h,i)perylene	28.11	276	3238	0.184	ng	# 92

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

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