

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051420\
 Data File : BN010718.D
 Acq On : 14 May 2020 18:45
 Operator : CG/JU
 Sample : L2182-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2020

Quant Time: May 15 01:56:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 14:18:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4451	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	17171	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	10660	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	22053	0.40	ng	0.00
27) Chrysene-d12	21.15	240	18271	0.40	ng	0.00
34) Perylene-d12	23.32	264	17112	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	2119	0.24	ng	0.00
5) Phenol-d6	6.78	99	2557	0.24	ng	0.00
8) Nitrobenzene-d5	8.72	82	3087	0.26	ng	0.01
11) 2-Methylnaphthalene-d10	11.93	152	6609	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	801	0.21	ng	0.01
15) 2-Fluorobiphenyl	12.83	172	9340	0.24	ng	0.01
25) Fluoranthene-d10	18.99	212	14086	0.24	ng	0.00
29) Terphenyl-d14	19.60	244	11114	0.26	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	256	0.067	ng	# 89
3) n-Nitrosodimethylamine	3.59	42	124	0.056	ng	# 91
6) bis(2-Chloroethyl)ether	7.03	93	768	0.070	ng	96
9) Naphthalene	10.38	128	3146	0.073	ng	95
10) Hexachlorobutadiene	10.67	225	706	0.071	ng	# 97
12) 2-Methylnaphthalene	12.00	142	2201	0.072	ng	98
16) Acenaphthylene	13.92	152	2813	0.065	ng	98
17) Acenaphthene	14.27	154	1994	0.068	ng	99
18) Fluorene	15.26	166	2568	0.067	ng	98
20) 4-Bromophenyl-phenylether	16.16	248	756	0.062	ng	91
21) Hexachlorobenzene	16.27	284	1105	0.076	ng	95
22) Pentachlorophenol	16.62	266	489	0.109	ng	94
23) Phenanthrene	17.00	178	4122	0.070	ng	98
24) Anthracene	17.09	178	3227	0.065	ng	100
26) Fluoranthene	19.02	202	4675	0.070	ng	98
28) Pyrene	19.38	202	4586	0.070	ng	99
30) Benzo(a)anthracene	21.14	228	3604	0.068	ng	97
31) Chrysene	21.19	228	4435	0.074	ng	97
32) Bis(2-ethylhexyl)phthalate	21.09	149	2029	0.087	ng	# 98
33) Indeno(1,2,3-cd)pyrene	25.47	276	3877	0.072	ng	98
35) Benzo(b)fluoranthene	22.68	252	3774	0.067	ng	# 72
36) Benzo(k)fluoranthene	22.72	252	4600m	0.075	ng	
37) Benzo(a)pyrene	23.23	252	3193	0.065	ng	# 54
38) Dibenzo(a,h)anthracene	25.48	278	3097	0.074	ng	# 71
39) Benzo(g,h,i)perylene	26.11	276	3696	0.075	ng	# 90

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

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