

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051420\
 Data File : BN010717.D
 Acq On : 14 May 2020 18:09
 Operator : CG/JU
 Sample : L2182-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Quant Time: May 14 18:48:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:56:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	4322	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	16410	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	10083	0.40	ng	0.01
19) Phenanthrene-d10	16.95	188	21146	0.40	ng	0.00
27) Chrysene-d12	21.15	240	18133	0.40	ng	0.00
34) Perylene-d12	23.32	264	16954	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	2176	0.26	ng	0.00
5) Phenol-d6	6.78	99	2526	0.24	ng	0.00
8) Nitrobenzene-d5	8.72	82	2999	0.26	ng	0.01
11) 2-Methylnaphthalene-d10	11.93	152	6586	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	855	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	9249	0.25	ng	0.01
25) Fluoranthene-d10	18.99	212	14375	0.25	ng	0.00
29) Terphenyl-d14	19.60	244	11620	0.27	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.24	88	240	0.064	ng	# 80
3) n-Nitrosodimethylamine	3.60	42	125	0.058	ng	# 88
6) bis(2-Chloroethyl)ether	7.03	93	772	0.072	ng	93
9) Naphthalene	10.38	128	3139	0.076	ng	# 95
10) Hexachlorobutadiene	10.68	225	677	0.072	ng	# 99
12) 2-Methylnaphthalene	12.01	142	2128	0.073	ng	97
16) Acenaphthylene	13.92	152	2760	0.067	ng	98
17) Acenaphthene	14.27	154	1931	0.069	ng	98
18) Fluorene	15.26	166	2539	0.070	ng	99
20) 4-Bromophenyl-phenylether	16.16	248	745	0.064	ng	96
21) Hexachlorobenzene	16.27	284	996	0.072	ng	99
22) Pentachlorophenol	16.62	266	516	0.120	ng	94
23) Phenanthrene	17.00	178	4043	0.071	ng	98
24) Anthracene	17.09	178	3259	0.068	ng	98
26) Fluoranthene	19.02	202	4756	0.074	ng	98
28) Pyrene	19.38	202	4643	0.071	ng	98
30) Benzo(a)anthracene	21.14	228	3776	0.071	ng	97
31) Chrysene	21.20	228	4661	0.078	ng	97
32) Bis(2-ethylhexyl)phthalate	21.09	149	2243	0.097	ng	98
33) Indeno(1,2,3-cd)pyrene	25.47	276	4047	0.076	ng	99
35) Benzo(b)fluoranthene	22.68	252	3859	0.069	ng	# 74
36) Benzo(k)fluoranthene	22.72	252	4585	0.076	ng	# 72
37) Benzo(a)pyrene	23.23	252	3404	0.070	ng	# 57
38) Dibenzo(a,h)anthracene	25.49	278	3254	0.079	ng	# 78
39) Benzo(g,h,i)perylene	26.11	276	3865	0.080	ng	# 90

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

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