

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\
 Data File : BN009402.D
 Acq On : 20 Jan 2020 14:37
 Operator : JU
 Sample : K5111-02
 Misc : 0.1 L00
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Manual Integrations
 APPROVED

mohammad
 1/21/2020 2:54:37 PM

Quant Time: Jan 20 17:39:27 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jan 20 16:23:23 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1225	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	4010	0.40	ng	0.01
13) Acenaphthene-d10	14.10	164	2625	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	5827	0.40	ng	0.00
27) Chrysene-d12	21.07	240	4993	0.40	ng	0.00
34) Perylene-d12	23.19	264	5008	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.12	112	976	0.35	ng	0.00
5) Phenol-d6	6.69	99	912	0.28	ng	0.00
8) Nitrobenzene-d5	8.64	82	925	0.29	ng	0.01
11) 2-Methylnaphthalene-d10	11.85	152	2157	0.28	ng	0.01
14) 2,4,6-Tribromophenol	15.63	330	273	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.74	172	3078	0.31	ng	0.02
25) Fluoranthene-d10	18.90	212	5181	0.26	ng	0.00
29) Terphenyl-d14	19.52	244	4273	0.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.14	88	118	0.092	ng	# 67
3) n-Nitrosodimethylamine	3.48	42	115	0.058	ng	# 23
6) bis(2-Chloroethyl)ether	6.93	93	319m	0.095	ng	
9) Naphthalene	10.29	128	916	0.084	ng	# 71
10) Hexachlorobutadiene	10.56	225	213	0.090	ng	# 92
12) 2-Methylnaphthalene	11.92	142	596	0.079	ng	# 90
16) Acenaphthylene	13.82	152	847	0.075	ng	97
17) Acenaphthene	14.17	154	633	0.080	ng	99
18) Fluorene	15.18	166	825	0.080	ng	99
20) 4-Bromophenyl-phenylether	16.08	248	255	0.073	ng	93
21) Hexachlorobenzene	16.18	284	279	0.075	ng	97
22) Pentachlorophenol	16.57	266	158	0.151	ng	87
23) Phenanthrene	16.91	178	1303	0.074	ng	99
24) Anthracene	17.02	178	1011	0.069	ng	99
26) Fluoranthene	18.93	202	1564	0.076	ng	97
28) Pyrene	19.30	202	1630	0.086	ng	99
30) Benzo(a)anthracene	21.07	228	1247m	0.076	ng	
31) Chrysene	21.11	228	1767m	0.094	ng	
32) Bis(2-ethylhexyl)phthalate	21.00	149	615	0.085	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.29	276	1508	0.077	ng	# 92
35) Benzo(b)fluoranthene	22.57	252	1356	0.074	ng	# 52
36) Benzo(k)fluoranthene	22.61	252	2043m	0.100	ng	
37) Benzo(a)pyrene	23.11	252	1358	0.084	ng	# 32
38) Dibenzo(a,h)anthracene	25.31	278	1189	0.073	ng	# 41
39) Benzo(g,h,i)perylene	25.90	276	1496	0.083	ng	# 79

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

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