

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060221\
 Data File : BN014824.D
 Acq On : 02 Jun 2021 14:39
 Operator : CG/JU
 Sample : M2214-13DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOILD

Manual Integrations
 APPROVED

mohammad
 6/3/2021 11:07:48 AM

Quant Time: Jun 02 15:10:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN060121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 01 17:40:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	586	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	2113	0.40	ng	0.00
13) Acenaphthene-d10	14.359	164	1599	0.40	ng	0.01
19) Phenanthrene-d10	17.104	188	3932	0.40	ng	0.00
29) Chrysene-d12	21.314	240	5348	0.40	ng	0.01
35) Perylene-d12	23.571	264	5483	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.316	112	102	0.07	ng	0.00
5) Phenol-d6	6.895	99	104	0.05	ng	0.00
8) Nitrobenzene-d5	8.883	82	135	0.08	ng	0.03
11) 2-Methylnaphthalene-d10	12.097	152	251	0.06	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	37	0.04	ng	0.01
15) 2-Fluorobiphenyl	12.976	172	389	0.07	ng	0.00
27) Fluoranthene-d10	19.148	212	852	0.06	ng	0.00
31) Terphenyl-d14	19.754	244	939	0.07	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.543	128	14984	2.57	ng	# 90
12) 2-Methylnaphthalene	12.164	142	3094	0.75	ng	98
16) Acenaphthylene	14.067	152	8098	1.33	ng	98
17) Acenaphthene	14.422	154	13664	3.05	ng	99
18) Fluorene	15.412	166	2145	0.35	ng	99
25) Phenanthrene	17.153	178	19722	1.77	ng	99
26) Anthracene	17.238	178	11762	1.28	ng	97
28) Fluoranthene	19.178	202	18051	1.19	ng	100
30) Pyrene	19.541	202	17638	1.15	ng	100
32) Benzo(a)anthracene	21.292	228	8190	0.55	ng	99
33) Chrysene	21.345	228	6788	0.37	ng	99
34) Bis(2-ethylhexyl)phtha...	21.229	149	293	0.07	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.847	276	31036	1.38	ng	99
37) Benzo(b)fluoranthene	22.887	252	33311	1.67	ng	94
38) Benzo(k)fluoranthene	22.935	252	7953m	0.37	ng	
39) Benzo(a)pyrene	23.472	252	13395	0.77	ng	93
40) Dibenzo(a,h)anthracene	25.861	278	30375	1.62	ng	# 93
41) Benzo(g,h,i)perylene	26.542	276	9011	0.43	ng	99

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

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