

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
 Data File : BN029118.D
 Acq On : 08 Dec 2023 08:42
 Operator : MA/JU
 Sample : 05611-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PE-6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 08 09:50:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	1248	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	2701	0.400	ng	-0.01
13) Acenaphthene-d10	14.396	164	1700	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	3662	0.400	ng	0.00
29) Chrysene-d12	21.347	240	2241	0.400	ng	# 0.00
35) Perylene-d12	23.675	264	2061	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	614	0.217	ng	0.00
5) Phenol-d6	6.980	99	712	0.211	ng	0.00
8) Nitrobenzene-d5	8.939	82	662	0.203	ng	0.00
11) 2-Methylnaphthalene-d10	12.140	152	1006	0.177	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	293	0.156	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	2128	0.242	ng	0.00
27) Fluoranthene-d10	19.185	212	1996	0.173	ng	0.00
31) Terphenyl-d14	19.794	244	1457	0.257	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.605	128	703	0.083	ng	# 82
12) 2-Methylnaphthalene	12.216	142	370	0.054	ng	90
16) Acenaphthylene	14.118	152	702	0.075	ng	# 94
17) Acenaphthene	14.460	154	1686	0.287	ng	99
18) Fluorene	15.444	166	2040	0.218	ng	99
25) Phenanthrene	17.184	178	29086	2.379	ng	99
26) Anthracene	17.283	178	6976	0.590	ng	96
28) Fluoranthene	19.213	202	55191	3.284	ng	# 99
30) Pyrene	19.576	202	46390	3.339	ng	# 94
32) Benzo(a)anthracene	21.329	228	21725	1.911	ng	99
33) Chrysene	21.383	228	16576	1.482	ng	98
34) Bis(2-ethylhexyl)phtha...	21.275	149	1054	0.150	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.061	276	9134	0.869	ng	99
37) Benzo(b)fluoranthene	22.971	252	21458	1.939	ng	95
38) Benzo(k)fluoranthene	23.012	252	8192m	0.790	ng	
39) Benzo(a)pyrene	23.570	252	14968	1.635	ng	93
40) Dibenzo(a,h)anthracene	26.079	278	2303	0.284	ng	# 70
41) Benzo(g,h,i)perylene	26.792	276	8345	0.941	ng	# 96

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

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