

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
 Data File : BN029102.D
 Acq On : 07 Dec 2023 21:56
 Operator : MA/JU
 Sample : 05611-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PE-1-DUPLICATE

Manual Integrations
 APPROVED

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

Quant Time: Dec 07 22:57:28 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	990	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	2052	0.400	ng	-0.01
13) Acenaphthene-d10	14.386	164	1393	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	3245	0.400	ng	0.00
29) Chrysene-d12	21.347	240	1877	0.400	ng	# 0.00
35) Perylene-d12	23.661	264	2154	0.400	ng	# 0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	797	0.356	ng	0.00
5) Phenol-d6	6.973	99	896	0.335	ng	0.00
8) Nitrobenzene-d5	8.939	82	832	0.336	ng	0.00
11) 2-Methylnaphthalene-d10	12.136	152	1231	0.286	ng	-0.01
14) 2,4,6-Tribromophenol	15.893	330	269	0.175	ng	0.00
15) 2-Fluorobiphenyl	13.017	172	2697	0.374	ng	-0.01
27) Fluoranthene-d10	19.176	212	3026	0.297	ng	0.00
31) Terphenyl-d14	19.785	244	1978	0.416	ng	0.00

Target Compounds						Qvalue
25) Phenanthrene	17.184	178	498	0.046	ng	# 94
28) Fluoranthene	19.209	202	1301	0.087	ng	# 96
30) Pyrene	19.571	202	1100	0.095	ng	# 93
32) Benzo(a)anthracene	21.329	228	579	0.061	ng	# 79
33) Chrysene	21.383	228	526	0.056	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.275	149	862	0.147	ng	95
36) Indeno(1,2,3-cd)pyrene	26.026	276	347	0.032	ng	# 89
37) Benzo(b)fluoranthene	22.956	252	801	0.069	ng	# 12
38) Benzo(k)fluoranthene	23.003	252	404m	0.037	ng	
39) Benzo(a)pyrene	23.553	252	532	0.056	ng	# 1
41) Benzo(g,h,i)perylene	26.760	276	322	0.035	ng	# 26

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

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