

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
 Data File : BN029117.D
 Acq On : 08 Dec 2023 08:06
 Operator : MA/JU
 Sample : 05611-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PE-4

Quant Time: Dec 08 09:50:08 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	1130	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	2352	0.400	ng	-0.01
13) Acenaphthene-d10	14.396	164	1492	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	3187	0.400	ng	0.00
29) Chrysene-d12	21.347	240	2052	0.400	ng	# 0.00
35) Perylene-d12	23.658	264	2182	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	731	0.286	ng	0.00
5) Phenol-d6	6.973	99	706	0.231	ng	0.00
8) Nitrobenzene-d5	8.939	82	651	0.229	ng	0.00
11) 2-Methylnaphthalene-d10	12.140	152	916	0.185	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	264	0.160	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	2003	0.259	ng	0.00
27) Fluoranthene-d10	19.181	212	1686	0.168	ng	0.00
31) Terphenyl-d14	19.785	244	1284	0.247	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.594	128	678	0.092	ng	# 79
12) 2-Methylnaphthalene	12.216	142	520	0.087	ng	96
16) Acenaphthylene	14.118	152	729	0.089	ng	# 96
17) Acenaphthene	14.450	154	981	0.190	ng	98
18) Fluorene	15.444	166	1082	0.132	ng	# 99
25) Phenanthrene	17.184	178	19136	1.799	ng	99
26) Anthracene	17.271	178	5352	0.520	ng	99
28) Fluoranthene	19.209	202	46411	3.173	ng	# 99
30) Pyrene	19.571	202	39515	3.106	ng	# 95
32) Benzo(a)anthracene	21.329	228	20879	2.006	ng	99
33) Chrysene	21.383	228	17696	1.728	ng	96
34) Bis(2-ethylhexyl)phtha...	21.275	149	4269	0.665	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.026	276	11024	0.991	ng	99
37) Benzo(b)fluoranthene	22.956	252	24497	2.091	ng	94
38) Benzo(k)fluoranthene	22.997	252	9632m	0.877	ng	
39) Benzo(a)pyrene	23.556	252	17331	1.788	ng	92
40) Dibenzo(a,h)anthracene	26.044	278	2823	0.329	ng	# 75
41) Benzo(g,h,i)perylene	26.757	276	9981	1.063	ng	# 97

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

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