

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092123\
 Data File : BN027783.D
 Acq On : 21 Sep 2023 10:48
 Operator : MA/JU
 Sample : 04367-03DL 50X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PILE-3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/22/2023

Quant Time: Sep 21 12:20:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 20 13:45:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	3587	0.400	ng	-0.02
7) Naphthalene-d8	10.821	136	11724	0.400	ng	-0.01
13) Acenaphthene-d10	14.640	164	6397	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	16478	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	16361	0.400	ng	# 0.00
35) Perylene-d12	24.069	264	16026	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.531	112	73	0.008	ng	0.00
5) Phenol-d6	7.156	99	88	0.008	ng	0.00
8) Nitrobenzene-d5	9.198	82	76	0.008	ng	-0.01
11) 2-Methylnaphthalene-d10	12.404	152	95	0.006	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	57	0.021	ng	0.00
15) 2-Fluorobiphenyl	13.261	172	164	0.008	ng	-0.01
27) Fluoranthene-d10	19.416	212	302	0.007	ng	0.00
31) Terphenyl-d14	20.001	244	425	0.013	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.874	128	3035	0.093	ng	94
12) 2-Methylnaphthalene	12.479	142	1205	0.053	ng	# 92
16) Acenaphthylene	14.373	152	6224	0.228	ng	99
17) Acenaphthene	14.705	154	2219	0.114	ng	99
18) Fluorene	15.680	166	4537	0.161	ng	97
25) Phenanthrene	17.430	178	71631	1.486	ng	100
26) Anthracene	17.530	178	18772	0.455	ng	97
28) Fluoranthene	19.449	202	121586	2.052	ng	99
30) Pyrene	19.811	202	117331	1.996	ng	99
32) Benzo(a)anthracene	21.560	228	61816	1.089	ng	98
33) Chrysene	21.614	228	59514	0.952	ng	97
34) Bis(2-ethylhexyl)phtha...	21.435	149	1651	0.066	ng	# 88
36) Indeno(1,2,3-cd)pyrene	26.682	276	29126	0.427	ng	94
37) Benzo(b)fluoranthene	23.297	252	66959	1.057	ng	98
38) Benzo(k)fluoranthene	23.344	252	25665m	0.399	ng	
39) Benzo(a)pyrene	23.955	252	51053m	0.887	ng	
40) Dibenzo(a,h)anthracene	26.700	278	7244m	0.130	ng	
41) Benzo(g,h,i)perylene	27.507	276	29800	0.484	ng	100

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

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