

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
 Data File : BN027773.D
 Acq On : 20 Sep 2023 21:03
 Operator : MA/JU
 Sample : 04367-01 20X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PILE-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023

Quant Time: Sep 21 04:23:22 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	8.016	152	2927	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	8930	0.400	ng	0.00
13) Acenaphthene-d10	14.641	164	4840	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	13207	0.400	ng	0.00
29) Chrysene-d12	21.569	240	14623	0.400	ng	# 0.00
35) Perylene-d12	24.066	264	16602	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.546	112	104	0.014	ng	0.00
5) Phenol-d6	7.171	99	112	0.012	ng	0.00
8) Nitrobenzene-d5	9.219	82	174	0.025	ng	0.01
11) 2-Methylnaphthalene-d10	12.415	152	101	0.008	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	33	0.016	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	205	0.013	ng	0.00
27) Fluoranthene-d10	19.416	212	414	0.012	ng	0.00
31) Terphenyl-d14	20.002	244	558	0.020	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.885	128	1805	0.073	ng	# 86
12) 2-Methylnaphthalene	12.487	142	669	0.039	ng	# 81
16) Acenaphthylene	14.373	152	11650	0.563	ng	100
17) Acenaphthene	14.705	154	1673	0.114	ng	93
18) Fluorene	15.693	166	2687	0.126	ng	97
25) Phenanthrene	17.430	178	57142	1.479	ng	100
26) Anthracene	17.530	178	18660	0.564	ng	# 96
28) Fluoranthene	19.449	202	143833	3.029	ng	100
30) Pyrene	19.811	202	144019	2.741	ng	98
32) Benzo(a)anthracene	21.551	228	83867	1.653	ng	98
33) Chrysene	21.605	228	82594	1.478	ng	97
34) Bis(2-ethylhexyl)phtha...	21.426	149	1142	0.051	ng	# 82
36) Indeno(1,2,3-cd)pyrene	26.683	276	78207	1.107	ng	94
37) Benzo(b)fluoranthene	23.291	252	140634	2.142	ng	95
38) Benzo(k)fluoranthene	23.338	252	48688m	0.731	ng	
39) Benzo(a)pyrene	23.949	252	110536m	1.853	ng	
40) Dibenzo(a,h)anthracene	26.691	278	17493m	0.303	ng	
41) Benzo(g,h,i)perylene	27.504	276	87695	1.375	ng	99

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

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