

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
 Data File : BN027774.D
 Acq On : 20 Sep 2023 21:40
 Operator : MA/JU
 Sample : 04367-04 20X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PILE-4

Manual Integrations
 APPROVED

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

Quant Time: Sep 21 04:23:39 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	8.008	152	3755	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	11832	0.400	ng	0.00
13) Acenaphthene-d10	14.641	164	6375	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	16245	0.400	ng	0.00
29) Chrysene-d12	21.569	240	17857	0.400	ng	# 0.00
35) Perylene-d12	24.066	264	19007	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.538	112	133	0.014	ng	0.00
5) Phenol-d6	7.163	99	140	0.012	ng	0.00
8) Nitrobenzene-d5	9.209	82	215	0.023	ng	0.00
11) 2-Methylnaphthalene-d10	12.408	152	181	0.010	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	28	0.010	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	287	0.013	ng	0.00
27) Fluoranthene-d10	19.416	212	587	0.014	ng	0.00
31) Terphenyl-d14	20.001	244	709	0.021	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.885	128	2011	0.061	ng	# 89
12) 2-Methylnaphthalene	12.483	142	673	0.030	ng	# 85
16) Acenaphthylene	14.373	152	10236	0.376	ng	99
17) Acenaphthene	14.705	154	1734	0.090	ng	99
18) Fluorene	15.693	166	2764	0.099	ng	100
25) Phenanthrene	17.430	178	57595	1.212	ng	100
26) Anthracene	17.530	178	19706	0.484	ng	# 95
28) Fluoranthene	19.449	202	163523	2.800	ng	100
30) Pyrene	19.816	202	163545	2.549	ng	99
32) Benzo(a)anthracene	21.551	228	96452	1.556	ng	98
33) Chrysene	21.614	228	89386	1.310	ng	96
34) Bis(2-ethylhexyl)phtha...	21.426	149	3140	0.114	ng	# 87
36) Indeno(1,2,3-cd)pyrene	26.683	276	56859	0.703	ng	94
37) Benzo(b)fluoranthene	23.294	252	127390	1.695	ng	97
38) Benzo(k)fluoranthene	23.341	252	43339m	0.569	ng	
39) Benzo(a)pyrene	23.955	252	90741m	1.329	ng	
40) Dibenzo(a,h)anthracene	26.700	278	13700m	0.208	ng	
41) Benzo(g,h,i)perylene	27.507	276	59996	0.822	ng	99

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

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