

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
 Data File : BN027775.D
 Acq On : 20 Sep 2023 22:16
 Operator : MA/JU
 Sample : 04367-02 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PILE-2

Manual Integrations
 APPROVED

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

Quant Time: Sep 21 04:23:56 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	8.015	152	3742	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	12115	0.400	ng	0.00
13) Acenaphthene-d10	14.640	164	6680	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	17022	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	18976	0.400	ng	# 0.00
35) Perylene-d12	24.066	264	19776	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.538	112	335	0.035	ng	0.00
5) Phenol-d6	7.156	99	432	0.037	ng	0.00
8) Nitrobenzene-d5	9.208	82	422	0.044	ng	0.00
11) 2-Methylnaphthalene-d10	12.411	152	530	0.030	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	95	0.033	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	851	0.038	ng	0.00
27) Fluoranthene-d10	19.416	212	1671	0.038	ng	0.00
31) Terphenyl-d14	20.001	244	1606	0.044	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.885	128	5670	0.169	ng	98
12) 2-Methylnaphthalene	12.483	142	1991	0.085	ng	# 94
16) Acenaphthylene	14.373	152	17954	0.629	ng	100
17) Acenaphthene	14.704	154	4374	0.216	ng	97
18) Fluorene	15.680	166	6470	0.220	ng	97
25) Phenanthrene	17.430	178	144400	2.900	ng	100
26) Anthracene	17.530	178	37145	0.871	ng	97
28) Fluoranthene	19.448	202	275264	4.498	ng	100
30) Pyrene	19.816	202	262095	3.845	ng	99
32) Benzo(a)anthracene	21.551	228	151447	2.300	ng	98
33) Chrysene	21.605	228	134715	1.858	ng	97
34) Bis(2-ethylhexyl)phtha...	21.426	149	10002	0.343	ng	96
36) Indeno(1,2,3-cd)pyrene	26.682	276	93747	1.114	ng	94
37) Benzo(b)fluoranthene	23.291	252	188106	2.406	ng	94
38) Benzo(k)fluoranthene	23.335	252	64567m	0.814	ng	
39) Benzo(a)pyrene	23.952	252	138001m	1.942	ng	
40) Dibenzo(a,h)anthracene	26.691	278	21751m	0.317	ng	
41) Benzo(g,h,i)perylene	27.504	276	100697	1.326	ng	98

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

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