

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
 Data File : BN028254.D
 Acq On : 12 Oct 2023 04:39
 Operator : MA/JU
 Sample : 04805-05 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 M-2(0-5)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/12/2023
 Supervised By :mohammad ahmed 10/13/2023

Quant Time: Oct 12 05:37:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 04:03:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.914	152	4898	0.400	ng	0.00
7) Naphthalene-d8	10.725	136	16972	0.400	ng	-0.01
13) Acenaphthene-d10	14.555	164	13799	0.400	ng	-0.01
19) Phenanthrene-d10	17.319	188	22034	0.400	ng	# 0.00
29) Chrysene-d12	21.524	240	17374m	0.400	ng	0.00
35) Perylene-d12	23.993	264	35478	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.452	112	1238	0.085	ng	-0.01
5) Phenol-d6	7.084	99	1466	0.080	ng	0.00
8) Nitrobenzene-d5	9.112	82	1237	0.086	ng	-0.01
11) 2-Methylnaphthalene-d10	12.309	152	1988	0.079	ng	-0.02
14) 2,4,6-Tribromophenol	16.065	330	424	0.067	ng	-0.01
15) 2-Fluorobiphenyl	13.176	172	2726	0.055	ng	-0.01
27) Fluoranthene-d10	19.374	212	7262	0.131	ng	0.02
31) Terphenyl-d14	19.932	244	7139	0.176	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.778	128	811966	18.516	ng	98
12) 2-Methylnaphthalene	12.385	142	215477	7.024	ng	99
16) Acenaphthylene	14.288	152	1762312	28.830	ng	99
17) Acenaphthene	14.619	154	334815	8.592	ng	97
18) Fluorene	15.606	166	648863	12.821	ng	# 93
25) Phenanthrene	17.368	178	3782452	63.674	ng	99
26) Anthracene	17.455	178	2095017	37.312	ng	# 92
28) Fluoranthene	19.393	202	5983947	87.286	ng	97
30) Pyrene	19.765	202	7356653	115.473	ng	96
32) Benzo(a)anthracene	21.506	228	3973867	67.216	ng	93
33) Chrysene	21.560	228	3264114	57.291	ng	95
34) Bis(2-ethylhexyl)phtha...	21.372	149	7183	0.185	ng	# 85
36) Indeno(1,2,3-cd)pyrene	26.604	276	1709824	14.328	ng	97
37) Benzo(b)fluoranthene	23.236	252	3478835	30.361	ng	# 89
38) Benzo(k)fluoranthene	23.279	252	1275504m	10.975	ng	
39) Benzo(a)pyrene	23.890	252	3224895m	29.765	ng	
40) Dibenzo(a,h)anthracene	26.607	278	516982	5.296	ng	96
41) Benzo(g,h,i)perylene	27.422	276	1792810	17.892	ng	95

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

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