

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
 Data File : BN028258.D
 Acq On : 12 Oct 2023 07:03
 Operator : MA/JU
 Sample : 04805-01 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B-1(0-5)

Manual Integrations
 APPROVED

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

Quant Time: Oct 12 07:32:37 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 06:39:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.914	152	822	0.400	ng	# 0.00
7) Naphthalene-d8	10.725	136	2650	0.400	ng	#-0.01
13) Acenaphthene-d10	14.566	164	2787	0.400	ng	# 0.00
19) Phenanthrene-d10	17.319	188	3916	0.400	ng	# 0.00
29) Chrysene-d12	21.497	240	4331	0.400	ng	#-0.02
35) Perylene-d12	23.966	264	3610	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.452	112	761	0.310	ng	-0.01
5) Phenol-d6	7.084	99	891	0.288	ng	0.00
8) Nitrobenzene-d5	9.112	82	922	0.409	ng	-0.01
11) 2-Methylnaphthalene-d10	12.313	152	1245	0.317	ng	-0.01
14) 2,4,6-Tribromophenol	16.065	330	274	0.215	ng	-0.01
15) 2-Fluorobiphenyl	13.176	172	1705	0.170	ng	-0.01
27) Fluoranthene-d10	19.360	212	996	0.101	ng	0.00
31) Terphenyl-d14	19.932	244	7694	0.761	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.778	128	457615	66.834	ng	99
12) 2-Methylnaphthalene	12.389	142	189002	39.459	ng	99
16) Acenaphthylene	14.288	152	974268	78.912	ng	100
17) Acenaphthene	14.630	154	323805	41.143	ng	99
18) Fluorene	15.606	166	690110	67.515	ng	96
25) Phenanthrene	17.368	178	5142480	487.096	ng	99
26) Anthracene	17.455	178	2020427	202.470	ng	98
28) Fluoranthene	19.402	202	8617984	707.314	ng	97
30) Pyrene	19.769	202	7952119	500.720	ng	98
32) Benzo(a)anthracene	21.515	228	4355222	295.518	ng	97
33) Chrysene	21.569	228	3905578m	274.988	ng	
34) Bis(2-ethylhexyl)phtha...	21.381	149	8244	0.850	ng	# 38
36) Indeno(1,2,3-cd)pyrene	26.633	276	2547530	209.798	ng	97
37) Benzo(b)fluoranthene	23.253	252	5135233	440.451	ng	# 89
38) Benzo(k)fluoranthene	23.297	252	1885164m	159.414	ng	
39) Benzo(a)pyrene	23.911	252	4078759	369.973	ng	# 85
40) Dibenzo(a,h)anthracene	26.633	278	688431	69.305	ng	98
41) Benzo(g,h,i)perylene	27.457	276	2404795	235.855	ng	96

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

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