

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
 Data File : BN028226.D
 Acq On : 11 Oct 2023 09:34
 Operator : MA/JU
 Sample : 04767-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 11 10:57:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 00:42:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	3637	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	11503	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	6437	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	12346	0.400	ng	# 0.00
29) Chrysene-d12	21.515	240	11706	0.400	ng	# 0.00
35) Perylene-d12	23.990	264	14884	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	2406	0.222	ng	0.00
5) Phenol-d6	7.091	99	3171	0.232	ng	0.00
8) Nitrobenzene-d5	9.123	82	2687	0.274	ng	0.00
11) 2-Methylnaphthalene-d10	12.317	152	4245	0.249	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	352	0.119	ng	-0.01
15) 2-Fluorobiphenyl	13.187	172	5944	0.256	ng	0.00
27) Fluoranthene-d10	19.356	212	8103	0.261	ng	0.00
31) Terphenyl-d14	19.941	244	7679	0.281	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.789	128	105864	3.562	ng	98
12) 2-Methylnaphthalene	12.392	142	39577	1.904	ng	99
16) Acenaphthylene	14.288	152	166171	5.827	ng	99
17) Acenaphthene	14.630	154	39042	2.148	ng	99
18) Fluorene	15.606	166	117438	4.974	ng	93
25) Phenanthrene	17.368	178	850328	25.547	ng	99
26) Anthracene	17.455	178	311704	9.908	ng	97
28) Fluoranthene	19.388	202	1177268	30.648	ng	98
30) Pyrene	19.755	202	1096507	25.545	ng	99
32) Benzo(a)anthracene	21.498	228	655863	16.465	ng	98
33) Chrysene	21.560	228	557965	14.535	ng	96
34) Bis(2-ethylhexyl)phtha...	21.372	149	23191	0.885	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.589	276	415208	8.293	ng	97
37) Benzo(b)fluoranthene	23.230	252	773201	16.085	ng	# 90
38) Benzo(k)fluoranthene	23.274	252	262574m	5.385	ng	
39) Benzo(a)pyrene	23.879	252	638288m	14.043	ng	
40) Dibenzo(a,h)anthracene	26.595	278	112055	2.736	ng	# 92
41) Benzo(g,h,i)perylene	27.402	276	414164	9.852	ng	96

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

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