

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
 Data File : BN028235.D
 Acq On : 11 Oct 2023 16:37
 Operator : MA/JU
 Sample : 04793-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20231005

Manual Integrations
 APPROVED

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

Quant Time: Oct 12 04:04:46 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	7.922	152	2385	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	7828	0.400	ng	# 0.01
13) Acenaphthene-d10	14.566	164	5004	0.400	ng	0.00
19) Phenanthrene-d10	17.331	188	11546	0.400	ng	0.01
29) Chrysene-d12	21.524	240	12912	0.400	ng	0.00
35) Perylene-d12	24.001	264	14336	0.400	ng	0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.459	112	865	0.122	ng	0.00
5) Phenol-d6	7.105	99	543	0.060	ng	0.01
8) Nitrobenzene-d5	9.144	82	1938	0.291	ng	0.02
11) 2-Methylnaphthalene-d10	12.332	152	3679	0.317	ng	0.00
14) 2,4,6-Tribromophenol	16.077	330	838	0.366	ng	0.00
15) 2-Fluorobiphenyl	13.197	172	5723	0.317	ng	0.01
27) Fluoranthene-d10	19.360	212	13231	0.456	ng	0.00
31) Terphenyl-d14	19.950	244	13631	0.453	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	11939	4.462	ng	99
28) Fluoranthene	19.393	202	1376	0.038	ng	# 92
30) Pyrene	19.760	202	1420	0.030	ng	97
32) Benzo(a)anthracene	21.515	228	1635	0.037	ng	# 41
33) Chrysene	21.569	228	1902	0.045	ng	# 55
34) Bis(2-ethylhexyl)phtha...	21.372	149	2010	0.070	ng	95
36) Indeno(1,2,3-cd)pyrene	26.603	276	1224	0.025	ng	# 67
37) Benzo(b)fluoranthene	23.238	252	2600	0.056	ng	# 1
38) Benzo(k)fluoranthene	23.285	252	1188m	0.025	ng	
39) Benzo(a)pyrene	23.893	252	961	0.022	ng	# 1

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

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