

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
 Data File : BN028205.D
 Acq On : 10 Oct 2023 19:52
 Operator : MA/JU
 Sample : 04704-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 R-2(5-10)

Manual Integrations
 APPROVED

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

Quant Time: Oct 11 02:33:54 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	3993	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	12518	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	9569	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	13392	0.400	ng	# 0.00
29) Chrysene-d12	21.524	240	9009m	0.400	ng	0.00
35) Perylene-d12	23.990	264	17326m	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	2767	0.232	ng	0.00
5) Phenol-d6	7.084	99	3301	0.220	ng	0.00
8) Nitrobenzene-d5	9.112	82	3111	0.292	ng	-0.01
11) 2-Methylnaphthalene-d10	12.317	152	4316	0.233	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	690	0.157	ng	-0.01
15) 2-Fluorobiphenyl	13.187	172	6205	0.180	ng	0.00
27) Fluoranthene-d10	19.360	212	7565	0.225	ng	0.00
31) Terphenyl-d14	19.941	244	10022	0.477	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.789	128	2161818	66.838	ng	98
12) 2-Methylnaphthalene	12.392	142	556771	24.608	ng	99
16) Acenaphthylene	14.298	152	1627641	38.397	ng	99
17) Acenaphthene	14.630	154	249038	9.216	ng	98
18) Fluorene	15.606	166	830462	23.663	ng	97
25) Phenanthrene	17.368	178	5060377	140.159	ng	99
26) Anthracene	17.455	178	2207146	64.676	ng	# 96
28) Fluoranthene	19.393	202	5729447	137.504	ng	97
30) Pyrene	19.765	202	6075154	183.900	ng	96
32) Benzo(a)anthracene	21.506	228	3665140	119.557	ng	95
33) Chrysene	21.560	228	2802411	94.858	ng	96
34) Bis(2-ethylhexyl)phtha...	21.372	149	8185	0.406	ng	# 81
36) Indeno(1,2,3-cd)pyrene	26.598	276	2071105	35.538	ng	97
37) Benzo(b)fluoranthene	23.236	252	3769711	67.368	ng	# 90
38) Benzo(k)fluoranthene	23.274	252	1378072m	24.281	ng	
39) Benzo(a)pyrene	23.890	252	3365000m	63.597	ng	
40) Dibenzo(a,h)anthracene	26.601	278	583959	12.249	ng	97
41) Benzo(g,h,i)perylene	27.419	276	2048575	41.863	ng	95

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

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