

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
 Data File : BN029123.D
 Acq On : 08 Dec 2023 11:43
 Operator : MA/JU
 Sample : 05366-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P-14(10-15)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 08 13:30:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	2039	0.400	ng	0.13
7) Naphthalene-d8	10.701	136	4084	0.400	ng	0.14
13) Acenaphthene-d10	14.524	164	2658	0.400	ng	0.13
19) Phenanthrene-d10	17.271	188	5248	0.400	ng	0.12
29) Chrysene-d12	21.454	240	2316	0.400	ng	# 0.11
35) Perylene-d12	23.863	264	2150	0.400	ng	# 0.19
System Monitoring Compounds						
4) 2-Fluorophenol	5.500	112	1238	0.268	ng	0.11
5) Phenol-d6	7.118	99	1583	0.287	ng	0.14
8) Nitrobenzene-d5	9.078	82	1160	0.235	ng	0.14
11) 2-Methylnaphthalene-d10	12.287	152	1922	0.224	ng	0.14
14) 2,4,6-Tribromophenol	16.017	330	568	0.193	ng	0.12
15) 2-Fluorobiphenyl	13.167	172	3275	0.238	ng	0.14
27) Fluoranthene-d10	19.297	212	3125	0.189	ng	0.11
31) Terphenyl-d14	19.901	244	1622	0.277	ng	0.11
Target Compounds						Qvalue
9) Naphthalene	10.754	128	10330	0.811	ng	99
12) 2-Methylnaphthalene	12.359	142	5714	0.552	ng	96
16) Acenaphthylene	14.246	152	4812	0.329	ng	# 90
17) Acenaphthene	14.589	154	3672	0.400	ng	94
18) Fluorene	15.570	166	7022	0.480	ng	# 97
25) Phenanthrene	17.308	178	31586	1.803	ng	99
26) Anthracene	17.395	178	11026	0.651	ng	98
28) Fluoranthene	19.329	202	26810	1.113	ng	# 97
30) Pyrene	19.687	202	26064	1.815	ng	98
32) Benzo(a)anthracene	21.436	228	5195	0.442	ng	92
33) Chrysene	21.490	228	4020	0.348	ng	94
34) Bis(2-ethylhexyl)phtha...	21.383	149	2884	0.398	ng	# 52
36) Indeno(1,2,3-cd)pyrene	26.397	276	4916m	0.448	ng	
37) Benzo(b)fluoranthene	23.126	252	6072	0.526	ng	# 84
38) Benzo(k)fluoranthene	23.170	252	2008m	0.186	ng	
39) Benzo(a)pyrene	23.754	252	5398	0.565	ng	# 93
40) Dibenzo(a,h)anthracene	26.415	278	1097m	0.130	ng	
41) Benzo(g,h,i)perylene	27.178	276	5014	0.542	ng	# 92

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

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