

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
 Data File : BN029121.D
 Acq On : 08 Dec 2023 10:30
 Operator : MA/JU
 Sample : 05366-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P-13(10-15)

Quant Time: Dec 08 11:37:46 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	1788	0.400	ng	0.06
7) Naphthalene-d8	10.626	136	3624	0.400	ng	0.06
13) Acenaphthene-d10	14.460	164	2900m	0.400	ng	0.06
19) Phenanthrene-d10	17.208	188	4711	0.400	ng	# 0.06
29) Chrysene-d12	21.401	240	2199	0.400	ng	# 0.05
35) Perylene-d12	23.766	264	2122	0.400	ng	# 0.10
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	930	0.230	ng	0.05
5) Phenol-d6	7.045	99	1056	0.218	ng	0.07
8) Nitrobenzene-d5	9.014	82	883	0.202	ng	0.07
11) 2-Methylnaphthalene-d10	12.216	152	1345	0.177	ng	0.07
14) 2,4,6-Tribromophenol	15.955	330	370	0.116	ng	0.06
15) 2-Fluorobiphenyl	13.092	172	2398	0.160	ng	0.06
27) Fluoranthene-d10	19.241	212	2123	0.143	ng	0.06
31) Terphenyl-d14	19.850	244	1118	0.201	ng	0.06
Target Compounds						Qvalue
9) Naphthalene	10.680	128	56682	5.014	ng	95
12) 2-Methylnaphthalene	12.287	142	17731	1.929	ng	99
16) Acenaphthylene	14.182	152	18438	1.155	ng	# 86
17) Acenaphthene	14.524	154	26165	2.613	ng	95
18) Fluorene	15.508	166	31066	1.944	ng	95
25) Phenanthrene	17.246	178	244484	15.546	ng	99
26) Anthracene	17.333	178	48193	3.170	ng	98
28) Fluoranthene	19.269	202	88944	4.114	ng	# 98
30) Pyrene	19.636	202	135395	9.932	ng	98
32) Benzo(a)anthracene	21.383	228	37859	3.394	ng	95
33) Chrysene	21.436	228	33338	3.038	ng	99
34) Bis(2-ethylhexyl)phtha...	21.329	149	1732	0.252	ng	96
36) Indeno(1,2,3-cd)pyrene	26.201	276	14569	1.346	ng	98
37) Benzo(b)fluoranthene	23.047	252	27093m	2.378	ng	
38) Benzo(k)fluoranthene	23.076	252	10445m	0.978	ng	
39) Benzo(a)pyrene	23.658	252	28959	3.072	ng	# 90
40) Dibenzo(a,h)anthracene	26.219	278	4223	0.506	ng	# 78
41) Benzo(g,h,i)perylene	26.962	276	16873	1.848	ng	# 96

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

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