Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040523\
Data File : BN024768.D
Acq On : 05 Apr 2023 13:50
Operator : CG/JU
Sample : 01950-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 05 14:22:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 05 11:04:25 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WP

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	7824	0.400	ng	0.00
7) Naphthalene-d8	10.760	136	20935	0.400	ng	# 0.00
13) Acenaphthene-d10	14.587	164	12073	0.400	ng	0.00
19) Phenanthrene-d10	17.336	188	27519	0.400	ng	0.00
29) Chrysene-d12	21.526	240	25266	0.400	ng	# 0.00
35) Perylene-d12	23.983	264	22042	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.499	112	8930	0.494	ng	0.00
5) Phenol-d6	7.109	99	11071	0.486	ng	0.00
8) Nitrobenzene-d5	9.116	82	7708	0.457	ng	0.00
11) 2-Methylnaphthalene-d10	12.351	152	13721	0.495	ng	0.00
14) 2,4,6-Tribromophenol	16.107	330	1621m	0.299	ng	0.00
15) 2-Fluorobiphenyl	13.219	172	21940	0.476	ng	0.00
27) Fluoranthene-d10	19.367	212	29718	0.476	ng	0.00
31) Terphenyl-d14	19.966	244	29990	0.524	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.814	128	262635	4.872	ng	100
12) 2-Methylnaphthalene	12.423	142	86362	2.304	ng	100
16) Acenaphthylene	14.309	152	322123	6.348	ng	99
17) Acenaphthene	14.651	154	151789	4.421	ng	98
18) Fluorene	15.635	166	498760	10.582	ng	99
25) Phenanthrene	17.373	178	319355	3.997	ng	100
26) Anthracene	17.472	178	93291	1.339	ng	99
28) Fluoranthene	19.401	202	428878	4.728	ng	99
30) Pyrene	19.764	202	451310	5.025	ng	100
32) Benzo(a)anthracene	21.509	228	364757	4.270	ng	98
33) Chrysene	21.571	228	376860	4.211	ng	99
36) Indeno(1,2,3-cd)pyrene	26.518	276	346557	3.586	ng	99
37) Benzo(b)fluoranthene	23.229	252	93570	1.119	ng	# 92
38) Benzo(k)fluoranthene	23.278	252	288157	3.478	ng	94
39) Benzo(a)pyrene	23.869	252	277419	3.470	ng	# 85
40) Dibenzo(a,h)anthracene	26.535	278	222364	2.924	ng	96
41) Benzo(g,h,i)perylene	27.298	276	261459	3.173	ng	99

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

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