Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
Data File : BN030008.D
Acq On : 25 Feb 2024 00:32
Operator : MA/JU
Sample : P1532-03
Misc :
ALS Vial : 57 Sample Multiplier: 1

Quant Time: Feb 26 02:46:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
RE103D2-20240216

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4136	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10580	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	4802	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	10485	0.400	ng	0.00
29) Chrysene-d12	21.456	240	8493	0.400	ng	# 0.00
35) Perylene-d12	23.820	264	8540	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1202	0.121	ng	0.00
5) Phenol-d6	7.031	99	672	0.059	ng	0.00
8) Nitrobenzene-d5	9.025	82	2805	0.318	ng	0.01
11) 2-Methylnaphthalene-d10	12.250	152	3871	0.269	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	555	0.360	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	18972	0.920	ng	0.00
27) Fluoranthene-d10	19.289	212	10134	0.399	ng	0.00
31) Terphenyl-d14	19.898	244	16342	0.775	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	1772	0.304	ng	# 62
9) Naphthalene	10.701	128	3239	0.107	ng	# 94
10) Hexachlorobutadiene	10.979	225	380	0.067	ng	# 98
12) 2-Methylnaphthalene	12.321	142	3542	0.200	ng	97
16) Acenaphthylene	14.222	152	1928	0.085	ng	98
17) Acenaphthene	14.564	154	1434	0.094	ng	97
18) Fluorene	15.555	166	3550	0.185	ng	98
21) 4-Bromophenyl-phenylether	16.461	248	1519m	0.243	ng	
22) Hexachlorobenzene	16.548	284	997	0.130	ng	# 90
24) Pentachlorophenol	16.908	266	590	0.243	ng	95
25) Phenanthrene	17.293	178	6160	0.199	ng	99
26) Anthracene	17.392	178	4886	0.185	ng	99
28) Fluoranthene	19.317	202	9211	0.264	ng	99
30) Pyrene	19.684	202	8864	0.227	ng	99
32) Benzo(a)anthracene	21.438	228	5592	0.193	ng	99
33) Chrysene	21.492	228	4377	0.133	ng	99
34) Bis(2-ethylhexyl)phtha...	21.384	149	3978	0.201	ng	99
36) Indeno(1,2,3-cd)pyrene	26.276	276	5405	0.157	ng	# 85
37) Benzo(b)fluoranthene	23.104	252	6901	0.226	ng	# 91
38) Benzo(k)fluoranthene	23.154	252	5160	0.161	ng	# 86
39) Benzo(a)pyrene	23.718	252	4489	0.169	ng	# 75
40) Dibenzo(a,h)anthracene	26.314	278	3184m	0.116	ng	
41) Benzo(g,h,i)perylene	27.007	276	5518	0.166	ng	96

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

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