Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035506.D
Acq On : 09 Dec 2024 14:40
Operator : RC/JU
Sample : PB165433BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 09 15:10:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB165433BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.300	152	2074	0.400	ng	0.00
7) Naphthalene-d8	10.041	136	5879	0.400	ng	-0.01
13) Acenaphthene-d10	13.956	164	4160	0.400	ng	-0.01
19) Phenanthrene-d10	16.723	188	9521	0.400	ng	#-0.01
29) Chrysene-d12	20.965	240	8737	0.400	ng	0.00
35) Perylene-d12	23.061	264	8262	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.960	112	2373	0.457	ng	0.00
5) Phenol-d6	6.506	99	2965	0.475	ng	0.00
8) Nitrobenzene-d5	8.429	82	1789m	0.498	ng	-0.01
11) 2-Methylnaphthalene-d10	11.646	152	5817	0.632	ng	-0.01
14) 2,4,6-Tribromophenol	15.475	330	796	0.270	ng	0.00
15) 2-Fluorobiphenyl	12.564	172	7165	0.456	ng	-0.01
27) Fluoranthene-d10	18.775	212	12183	0.451	ng	0.00
31) Terphenyl-d14	19.407	244	9270	0.538	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.996	88	789	0.398	ng	# 73
3) n-Nitrosodimethylamine	3.285	42	839	0.508	ng	# 99
6) bis(2-Chloroethyl)ether	6.751	93	2386	0.455	ng	99
9) Naphthalene	10.095	128	6667	0.430	ng	99
10) Hexachlorobutadiene	10.393	225	1463	0.409	ng	# 98
12) 2-Methylnaphthalene	11.722	142	4940	0.445	ng	98
16) Acenaphthylene	13.668	152	7870	0.451	ng	100
17) Acenaphthene	14.021	154	5180	0.447	ng	96
18) Fluorene	15.025	166	6955	0.419	ng	99
20) 4,6-Dinitro-2-methylph...	15.122	198	216	0.231	ng	# 44
21) 4-Bromophenyl-phenylether	15.929	248	2345	0.421	ng	# 85
22) Hexachlorobenzene	16.028	284	2760	0.422	ng	99
23) Atrazine	16.227	200	1801	0.454	ng	# 93
24) Pentachlorophenol	16.388	266	1816	0.638	ng	88
25) Phenanthrene	16.760	178	11348	0.434	ng	100
26) Anthracene	16.860	178	10448	0.442	ng	99
28) Fluoranthene	18.808	202	13888	0.394	ng	99
30) Pyrene	19.175	202	14424	0.447	ng	100
32) Benzo(a)anthracene	20.947	228	13137	0.430	ng	99
33) Chrysene	21.000	228	13885	0.441	ng	99
34) Bis(2-ethylhexyl)phtha...	20.929	149	6125	0.507	ng	100
36) Indeno(1,2,3-cd)pyrene	25.096	276	13102	0.406	ng	98
37) Benzo(b)fluoranthene	22.447	252	16266	0.538	ng	99
38) Benzo(k)fluoranthene	22.485	252	13864	0.466	ng	98
39) Benzo(a)pyrene	22.968	252	11631	0.467	ng	97
40) Dibenzo(a,h)anthracene	25.117	278	10060	0.395	ng	97
41) Benzo(g,h,i)perylene	25.713	276	10099	0.379	ng	99

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

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