Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034708.D
Acq On : 25 Oct 2024 01:14
Operator : RC/JU
Sample : PB164323BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164323BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

Quant Time: Oct 25 02:09:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 24 13:17:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.712	152	5858	0.400	ng	0.00
7) Naphthalene-d8	10.479	136	16234	0.400	ng	0.00
13) Acenaphthene-d10	14.329	164	6999	0.400	ng	0.00
19) Phenanthrene-d10	17.057	188	12898	0.400	ng	#-0.01
29) Chrysene-d12	21.241	240	7136	0.400	ng	# 0.00
35) Perylene-d12	23.461	264	5990	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.322	112	5065	0.291	ng	0.00
5) Phenol-d6	6.882	99	6890	0.300	ng	0.00
8) Nitrobenzene-d5	8.845	82	4502	0.331	ng	0.00
11) 2-Methylnaphthalene-d10	12.071	152	10585m	0.474	ng	0.00
14) 2,4,6-Tribromophenol	15.815	330	513	0.237	ng	0.00
15) 2-Fluorobiphenyl	12.950	172	9897	0.356	ng	0.00
27) Fluoranthene-d10	19.094	212	9486	0.327	ng	0.00
31) Terphenyl-d14	19.703	244	5452	0.374	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.285	88	2289	0.294	ng	# 44
3) n-Nitrosodimethylamine	3.581	42	3976	0.350	ng	99
6) bis(2-Chloroethyl)ether	7.142	93	6464	0.346	ng	99
9) Naphthalene	10.532	128	15379	0.342	ng	99
10) Hexachlorobutadiene	10.831	225	2263	0.336	ng	# 99
12) 2-Methylnaphthalene	12.143	142	9104	0.327	ng	99
16) Acenaphthylene	14.040	152	11796	0.351	ng	99
17) Acenaphthene	14.382	154	7806	0.337	ng	99
18) Fluorene	15.377	166	9103	0.318	ng	99
20) 4,6-Dinitro-2-methylph...	15.441	198	517	0.288	ng	# 61
21) 4-Bromophenyl-phenylether	16.262	248	2307	0.335	ng	# 61
22) Hexachlorobenzene	16.374	284	2575	0.345	ng	97
23) Atrazine	16.535	200	1668	0.309	ng	# 88
24) Pentachlorophenol	16.709	266	1336	0.507	ng	99
25) Phenanthrene	17.106	178	13877	0.358	ng	100
26) Anthracene	17.193	178	12252	0.356	ng	100
28) Fluoranthene	19.122	202	13073	0.323	ng	100
30) Pyrene	19.484	202	13387	0.365	ng	99
32) Benzo(a)anthracene	21.232	228	10138	0.372	ng	99
33) Chrysene	21.277	228	10677	0.379	ng	98
34) Bis(2-ethylhexyl)phtha...	21.187	149	5385	0.348	ng	99
36) Indeno(1,2,3-cd)pyrene	25.689	276	9860	0.427	ng	97
37) Benzo(b)fluoranthene	22.797	252	9509	0.398	ng	# 93
38) Benzo(k)fluoranthene	22.841	252	9262m	0.392	ng	
39) Benzo(a)pyrene	23.364	252	8073	0.421	ng	93
40) Dibenzo(a,h)anthracene	25.706	278	7574	0.416	ng	96
41) Benzo(g,h,i)perylene	26.361	276	8119	0.405	ng	96

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

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