Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102623\
Data File : BN028400.D
Acq On : 26 Oct 2023 16:00
Operator : MA/JU
Sample : PB156650BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156650BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

Quant Time: Oct 26 16:31:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	3819	0.400	ng	0.00
7) Naphthalene-d8	10.682	136	12259	0.400	ng	#-0.02
13) Acenaphthene-d10	14.523	164	6003	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	10506	0.400	ng	#-0.01
29) Chrysene-d12	21.489	240	8420	0.400	ng	0.00
35) Perylene-d12	23.934	264	9679	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	2851	0.240	ng	0.00
5) Phenol-d6	7.048	99	3549	0.243	ng	0.00
8) Nitrobenzene-d5	9.080	82	2658	0.244	ng	-0.02
11) 2-Methylnaphthalene-d10	12.275	152	5398	0.293	ng	-0.02
14) 2,4,6-Tribromophenol	16.040	330	523	0.179	ng	-0.02
15) 2-Fluorobiphenyl	13.144	172	6069	0.287	ng	-0.02
27) Fluoranthene-d10	19.323	212	6473	0.230	ng	0.00
31) Terphenyl-d14	19.913	244	5224	0.292	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.292	88	1674	0.363	ng	# 89
3) n-Nitrosodimethylamine	3.653	42	2561	0.508	ng	# 96
6) bis(2-Chloroethyl)ether	7.315	93	5727	0.509	ng	99
9) Naphthalene	10.735	128	16367	0.515	ng	99
10) Hexachlorobutadiene	10.949	225	2788	0.511	ng	# 98
12) 2-Methylnaphthalene	12.351	142	10264	0.454	ng	99
16) Acenaphthylene	14.256	152	14442	0.535	ng	99
17) Acenaphthene	14.587	154	8798	0.518	ng	98
18) Fluorene	15.581	166	10601	0.474	ng	100
20) 4,6-Dinitro-2-methylph...	15.730	198	77	0.290	ng	# 15
21) 4-Bromophenyl-phenylether	16.475	248	2925	0.541	ng	95
22) Hexachlorobenzene	16.549	284	3080	0.553	ng	98
23) Atrazine	16.748	200	2774	0.547	ng	99
24) Pentachlorophenol	16.934	266	2488m	0.978	ng	
25) Phenanthrene	17.331	178	14761	0.513	ng	100
26) Anthracene	17.418	178	13813	0.503	ng	99
28) Fluoranthene	19.351	202	16346	0.452	ng	99
30) Pyrene	19.718	202	16832	0.584	ng	100
32) Benzo(a)anthracene	21.471	228	16166	0.540	ng	99
33) Chrysene	21.524	228	15410	0.538	ng	99
34) Bis(2-ethylhexyl)phtha...	21.336	149	10172	0.445	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.501	276	20560	0.527	ng	99
37) Benzo(b)fluoranthene	23.177	252	16798	0.555	ng	98
38) Benzo(k)fluoranthene	23.227	252	16302	0.530	ng	99
39) Benzo(a)pyrene	23.826	252	14832	0.493	ng	98
40) Dibenzo(a,h)anthracene	26.513	278	16530	0.522	ng	97
41) Benzo(g,h,i)perylene	27.308	276	16945	0.518	ng	99

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

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