Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
Data File : BN028378.D
Acq On : 24 Oct 2023 14:59
Operator : MA/JU
Sample : PB156521BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156521BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 25 01:05:18 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	7.878	152	4756	0.400	ng		0.00
7) Naphthalene-d8	10.692	136	15541	0.400	ng		-0.01
13) Acenaphthene-d10	14.523	164	7233	0.400	ng		-0.01
19) Phenanthrene-d10	17.281	188	11174	0.400	ng		#-0.01
29) Chrysene-d12	21.488	240	9086	0.400	ng		0.00
35) Perylene-d12	23.931	264	11132	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.423	112	3769	0.255	ng		0.00
5) Phenol-d6	7.048	99	4587	0.252	ng		0.00
8) Nitrobenzene-d5	9.080	82	3398	0.246	ng		-0.02
11) 2-Methylnaphthalene-d10	12.279	152	10019m	0.429	ng		-0.02
14) 2,4,6-Tribromophenol	16.040	330	594	0.168	ng		-0.02
15) 2-Fluorobiphenyl	13.144	172	7567	0.297	ng		-0.02
27) Fluoranthene-d10	19.323	212	6612	0.221	ng		0.00
31) Terphenyl-d14	19.908	244	5314	0.276	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	2208	0.384	ng	#	80
3) n-Nitrosodimethylamine	3.653	42	3394	0.541	ng		98
6) bis(2-Chloroethyl)ether	7.322	93	7500	0.535	ng		100
9) Naphthalene	10.735	128	21271	0.528	ng		99
10) Hexachlorobutadiene	10.959	225	3704	0.535	ng	#	99
12) 2-Methylnaphthalene	12.351	142	13253	0.463	ng		98
16) Acenaphthylene	14.255	152	19455	0.599	ng		98
17) Acenaphthene	14.587	154	10780	0.526	ng		99
18) Fluorene	15.581	166	12823	0.476	ng		99
20) 4,6-Dinitro-2-methylph...	15.841	198	4	0.185	ng	#	1
21) 4-Bromophenyl-phenylether	16.474	248	3404	0.592	ng		98
22) Hexachlorobenzene	16.549	284	3437	0.580	ng		99
23) Atrazine	16.748	200	3077	0.570	ng		99
24) Pentachlorophenol	16.934	266	2270m	0.839	ng		
25) Phenanthrene	17.331	178	16043	0.525	ng		99
26) Anthracene	17.418	178	14760	0.505	ng		99
28) Fluoranthene	19.351	202	16776	0.437	ng	#	92
30) Pyrene	19.718	202	17263	0.555	ng		99
32) Benzo(a)anthracene	21.470	228	17588	0.545	ng		99
33) Chrysene	21.524	228	16637	0.539	ng		99
34) Bis(2-ethylhexyl)phtha...	21.336	149	11109	0.451	ng		98
36) Indeno(1,2,3-cd)pyrene	26.492	276	23698	0.528	ng		100
37) Benzo(b)fluoranthene	23.174	252	18672	0.537	ng		98
38) Benzo(k)fluoranthene	23.221	252	18270	0.516	ng		97
39) Benzo(a)pyrene	23.823	252	17209	0.497	ng		96
40) Dibenzo(a,h)anthracene	26.504	278	19394	0.532	ng		98
41) Benzo(g,h,i)perylene	27.293	276	19431	0.517	ng		99

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

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