Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032601.D
Acq On : 09 Jul 2024 23:48
Operator : MA/JU
Sample : PB161970BSD
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161970BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 01:03:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.581	152	7428	0.400	ng		0.00
7) Naphthalene-d8	10.357	136	22672	0.400	ng		-0.02
13) Acenaphthene-d10	14.221	164	14090	0.400	ng		-0.01
19) Phenanthrene-d10	16.991	188	27709	0.400	ng		-0.01
29) Chrysene-d12	21.202	240	22931	0.400	ng		0.00
35) Perylene-d12	23.411	264	26101	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.205	112	6848	0.365	ng		0.00
5) Phenol-d6	6.801	99	8756	0.365	ng		-0.02
8) Nitrobenzene-d5	8.777	82	5936	0.351	ng		-0.02
11) 2-Methylnaphthalene-d10	11.971	152	13322	0.372	ng		-0.01
14) 2,4,6-Tribromophenol	15.750	330	1955	0.306	ng		-0.01
15) 2-Fluorobiphenyl	12.852	172	19764	0.381	ng		-0.01
27) Fluoranthene-d10	19.031	212	26995	0.374	ng		-0.01
31) Terphenyl-d14	19.635	244	21301	0.380	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	3476	0.355	ng		99
3) n-Nitrosodimethylamine	3.486	42	2608	0.367	ng	#	93
6) bis(2-Chloroethyl)ether	7.032	93	6717	0.406	ng		99
9) Naphthalene	10.410	128	24131	0.390	ng		98
10) Hexachlorobutadiene	10.656	225	4694	0.381	ng	#	98
12) 2-Methylnaphthalene	12.047	142	15506	0.374	ng		99
16) Acenaphthylene	13.953	152	20724	0.342	ng		99
17) Acenaphthene	14.285	154	15663	0.371	ng		100
18) Fluorene	15.290	166	19821	0.359	ng		100
20) 4,6-Dinitro-2-methylph...	15.461	198	1014	0.431	ng	#	67
21) 4-Bromophenyl-phenylether	16.185	248	6543m	0.398	ng		
22) Hexachlorobenzene	16.284	284	7004	0.387	ng		99
23) Atrazine	16.470	200	4563	0.355	ng		97
24) Pentachlorophenol	16.669	266	1898	0.397	ng		100
25) Phenanthrene	17.029	178	28889	0.384	ng		100
26) Anthracene	17.128	178	22713	0.375	ng		99
28) Fluoranthene	19.063	202	34492	0.379	ng		98
30) Pyrene	19.430	202	36654	0.393	ng		100
32) Benzo(a)anthracene	21.184	228	27654	0.365	ng		99
33) Chrysene	21.238	228	36078	0.401	ng		99
34) Bis(2-ethylhexyl)phtha...	21.086	149	16482	0.320	ng		99
36) Indeno(1,2,3-cd)pyrene	25.639	276	42001	0.421	ng		100
37) Benzo(b)fluoranthene	22.747	252	32247	0.371	ng		94
38) Benzo(k)fluoranthene	22.791	252	38688m	0.386	ng		
39) Benzo(a)pyrene	23.320	252	30915	0.375	ng	#	91
40) Dibenzo(a,h)anthracene	25.648	278	33437	0.423	ng		93
41) Benzo(g,h,i)perylene	26.329	276	37293	0.433	ng		96

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

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