Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063023\
Data File : BN026115.D
Acq On : 30 Jun 2023 05:25
Operator : MA/JU
Sample : PB153896BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB153896BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 07:08:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 07:06:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.962	152	6454	0.400	ng		0.00
7) Naphthalene-d8	10.771	136	21475	0.400	ng		0.00
13) Acenaphthene-d10	14.598	164	12885	0.400	ng		0.00
19) Phenanthrene-d10	17.343	188	24257	0.400	ng	#	0.00
29) Chrysene-d12	21.533	240	13029	0.400	ng	#	0.00
35) Perylene-d12	24.002	264	12939	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.520	112	6767	0.432	ng		0.00
5) Phenol-d6	7.131	99	9052	0.454	ng		0.00
8) Nitrobenzene-d5	9.138	82	7236	0.394	ng		0.00
11) 2-Methylnaphthalene-d10	12.362	152	13089	0.417	ng		0.00
14) 2,4,6-Tribromophenol	16.102	330	1779	0.379	ng		0.00
15) 2-Fluorobiphenyl	13.229	172	20342	0.409	ng		0.00
27) Fluoranthene-d10	19.379	212	20217	0.393	ng		0.00
31) Terphenyl-d14	19.969	244	13031	0.391	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	2641	0.387	ng		94
3) n-Nitrosodimethylamine	3.715	42	2473	0.358	ng	#	98
6) bis(2-Chloroethyl)ether	7.384	93	6584	0.401	ng		98
9) Naphthalene	10.824	128	23768	0.409	ng		100
10) Hexachlorobutadiene	11.102	225	4599	0.410	ng	#	99
12) 2-Methylnaphthalene	12.434	142	16786	0.410	ng		99
16) Acenaphthylene	14.320	152	24760	0.410	ng		100
17) Acenaphthene	14.662	154	16302	0.418	ng		96
18) Fluorene	15.643	166	20315	0.399	ng		99
20) 4,6-Dinitro-2-methylph...	15.755	198	900	0.314	ng		92
21) 4-Bromophenyl-phenylether	16.537	248	5746	0.415	ng	#	94
22) Hexachlorobenzene	16.661	284	5942	0.428	ng		96
23) Atrazine	16.810	200	4973	0.418	ng		95
24) Pentachlorophenol	17.008	266	2272	0.348	ng		96
25) Phenanthrene	17.393	178	28811	0.405	ng		100
26) Anthracene	17.480	178	25815	0.403	ng		99
28) Fluoranthene	19.412	202	29254	0.392	ng		99
30) Pyrene	19.769	202	29108	0.403	ng		100
32) Benzo(a)anthracene	21.524	228	19545	0.417	ng		99
33) Chrysene	21.578	228	20998	0.402	ng		99
34) Bis(2-ethylhexyl)phtha...	21.435	149	19097	0.457	ng		99
36) Indeno(1,2,3-cd)pyrene	26.577	276	22498	0.424	ng		98
37) Benzo(b)fluoranthene	23.247	252	18278	0.389	ng		99
38) Benzo(k)fluoranthene	23.297	252	21484m	0.423	ng		
39) Benzo(a)pyrene	23.896	252	19749	0.429	ng		98
40) Dibenzo(a,h)anthracene	26.601	278	17355	0.417	ng		100
41) Benzo(g,h,i)perylene	27.370	276	20795	0.429	ng		100

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

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