Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028443.D
Acq On : 03 Nov 2023 04:44
Operator : MA/JU
Sample : PB156863BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156863BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 03 05:12:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.731	152	13181	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	40821	0.400	ng	#	0.00
13) Acenaphthene-d10	14.374	164	20637	0.400	ng		0.01
19) Phenanthrene-d10	17.121	188	37504	0.400	ng	#	0.00
29) Chrysene-d12	21.328	240	25050	0.400	ng	#	0.00
35) Perylene-d12	23.651	264	26919	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	14936	0.434	ng		0.01
5) Phenol-d6	6.901	99	18465	0.423	ng		0.01
8) Nitrobenzene-d5	8.875	82	10270	0.389	ng		0.00
11) 2-Methylnaphthalene-d10	12.117	152	34766m	0.595	ng		0.00
14) 2,4,6-Tribromophenol	15.867	330	3335	0.415	ng		0.01
15) 2-Fluorobiphenyl	13.006	172	12203	0.498	ng		0.00
27) Fluoranthene-d10	19.161	212	34400	0.371	ng		0.00
31) Terphenyl-d14	19.770	244	23019	0.436	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.203	88	3230	0.221	ng	#	53
3) n-Nitrosodimethylamine	3.521	42	5318	0.327	ng	#	94
6) bis(2-Chloroethyl)ether	7.154	93	14982	0.397	ng		98
9) Naphthalene	10.573	128	43939	0.399	ng		99
10) Hexachlorobutadiene	10.861	225	7858	0.428	ng	#	99
12) 2-Methylnaphthalene	12.189	142	28597	0.372	ng		100
16) Acenaphthylene	14.085	152	61375	0.602	ng		100
17) Acenaphthene	14.438	154	27380	0.424	ng		99
18) Fluorene	15.422	166	35046	0.398	ng		96
20) 4,6-Dinitro-2-methylph...	15.507	198	74	0.027	ng	#	1
21) 4-Bromophenyl-phenylether	16.314	248	9572	0.460	ng	#	90
22) Hexachlorobenzene	16.426	284	10184	0.464	ng		94
23) Atrazine	16.587	200	8546	0.490	ng		95
24) Pentachlorophenol	16.773	266	7259	0.918	ng		100
25) Phenanthrene	17.158	178	44586	0.402	ng		99
26) Anthracene	17.257	178	43024	0.407	ng		99
28) Fluoranthene	19.194	202	46482	0.359	ng		99
30) Pyrene	19.556	202	48352	0.463	ng		97
32) Benzo(a)anthracene	21.319	228	42916	0.432	ng	#	75
33) Chrysene	21.364	228	39875	0.403	ng	#	92
34) Bis(2-ethylhexyl)phtha...	21.265	149	30002	0.584	ng	#	94
36) Indeno(1,2,3-cd)pyrene	26.031	276	47321	0.493	ng		95
37) Benzo(b)fluoranthene	22.950	252	41581	0.463	ng	#	75
38) Benzo(k)fluoranthene	22.994	252	38398	0.364	ng	#	75
39) Benzo(a)pyrene	23.546	252	37380	0.408	ng	#	72
40) Dibenzo(a,h)anthracene	26.055	278	37628	0.437	ng	#	72
41) Benzo(g,h,i)perylene	26.762	276	39269	0.426	ng	#	88

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

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