Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100223\
Data File : BN027996.D
Acq On : 02 Oct 2023 20:33
Operator : MA/JU
Sample : PB155726BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 03 01:30:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 19:18:04 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB155726BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	3929	0.400	ng	0.00
7) Naphthalene-d8	10.767	136	12355	0.400	ng	0.00
13) Acenaphthene-d10	14.587	164	6947	0.400	ng	-0.01
19) Phenanthrene-d10	17.343	188	15024	0.400	ng	0.00
29) Chrysene-d12	21.533	240	13200	0.400	ng	0.00
35) Perylene-d12	24.010	264	13437	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.488	112	4286	0.366	ng	0.00
5) Phenol-d6	7.105	99	5231	0.354	ng	0.00
8) Nitrobenzene-d5	9.144	82	4057	0.386	ng	0.00
11) 2-Methylnaphthalene-d10	12.351	152	8805m	0.481	ng	0.00
14) 2,4,6-Tribromophenol	16.090	330	992	0.312	ng	0.00
15) 2-Fluorobiphenyl	13.219	172	10369	0.414	ng	0.00
27) Fluoranthene-d10	19.374	212	14392	0.381	ng	0.00
31) Terphenyl-d14	19.964	244	12850	0.417	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	1347	0.306	ng	# 70
3) n-Nitrosodimethylamine	3.711	42	1868	0.370	ng	# 97
6) bis(2-Chloroethyl)ether	7.387	93	4427	0.372	ng	99
9) Naphthalene	10.821	128	12218	0.383	ng	100
10) Hexachlorobutadiene	11.045	225	2184	0.385	ng	# 100
12) 2-Methylnaphthalene	12.426	142	7824	0.350	ng	99
16) Acenaphthylene	14.320	152	12057	0.392	ng	100
17) Acenaphthene	14.651	154	7488	0.382	ng	99
18) Fluorene	15.643	166	9867	0.387	ng	99
20) 4,6-Dinitro-2-methylph...	16.797	198	67	0.336	ng	85
21) 4-Bromophenyl-phenylether	16.524	248	2840	0.363	ng	96
22) Hexachlorobenzene	16.611	284	3314	0.403	ng	99
23) Atrazine	16.797	200	2473	0.362	ng	97
24) Pentachlorophenol	16.983	266	13818	3.570	ng	94
25) Phenanthrene	17.393	178	15339	0.379	ng	100
26) Anthracene	17.480	178	13898	0.363	ng	100
28) Fluoranthene	19.407	202	17434	0.373	ng	100
30) Pyrene	19.774	202	18080	0.374	ng	99
32) Benzo(a)anthracene	21.515	228	17195	0.383	ng	99
33) Chrysene	21.569	228	17070	0.394	ng	99
34) Bis(2-ethylhexyl)phtha...	21.390	149	10594	0.359	ng	100
36) Indeno(1,2,3-cd)pyrene	26.609	276	18426	0.408	ng	100
37) Benzo(b)fluoranthene	23.241	252	16968	0.391	ng	97
38) Benzo(k)fluoranthene	23.294	252	16513	0.375	ng	97
39) Benzo(a)pyrene	23.899	252	14809	0.361	ng	96
40) Dibenzo(a,h)anthracene	26.630	278	15000	0.406	ng	99
41) Benzo(g,h,i)perylene	27.425	276	15079	0.397	ng	100

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

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