Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
Data File : BN018129.D
Acq On : 20 Dec 2021 19:16
Operator : CG/JU
Sample : PB141551BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 20 19:45:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 20 14:16:44 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB141551BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	24189	0.400	ng	0.00
7) Naphthalene-d8	10.444	136	96988	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	56129	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	103192	0.400	ng	# 0.00
29) Chrysene-d12	21.227	240	81276	0.400	ng	0.00
35) Perylene-d12	23.481	264	59758	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	19185	0.366	ng	0.00
5) Phenol-d6	6.858	99	18650	0.355	ng	0.00
8) Nitrobenzene-d5	8.809	82	19484	0.283	ng	0.00
11) 2-Methylnaphthalene-d10	12.042	152	53157	0.331	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	5924	0.356	ng	0.00
15) 2-Fluorobiphenyl	12.923	172	66289	0.339	ng	0.00
27) Fluoranthene-d10	19.072	212	104680	0.304	ng	0.00
31) Terphenyl-d14	19.678	244	67706	0.400	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	5744	0.381	ng	# 58
3) n-Nitrosodimethylamine	3.548	42	7565	0.336	ng	99
6) bis(2-Chloroethyl)ether	7.098	93	21620	0.348	ng	100
9) Naphthalene	10.495	128	80724	0.332	ng	100
10) Hexachlorobutadiene	10.786	225	22196	0.331	ng	# 100
12) 2-Methylnaphthalene	12.114	142	51038	0.336	ng	100
16) Acenaphthylene	14.015	152	64246	0.277	ng	100
17) Acenaphthene	14.357	154	48608	0.329	ng	100
18) Fluorene	15.347	166	57216	0.316	ng	100
20) 4,6-Dinitro-2-methylph...	15.461	198	170	0.222	ng	# 3
21) 4-Bromophenyl-phenylether	16.238	248	20035	0.321	ng	# 89
22) Hexachlorobenzene	16.348	284	26144	0.350	ng	100
23) Atrazine	16.506	200	11380	0.292	ng	97
24) Pentachlorophenol	16.713	266	2830	0.383	ng	99
25) Phenanthrene	17.078	178	89130	0.339	ng	100
26) Anthracene	17.175	178	69259	0.292	ng	100
28) Fluoranthene	19.097	202	104652	0.320	ng	100
30) Pyrene	19.460	202	104383	0.391	ng	100
32) Benzo(a)anthracene	21.216	228	67173	0.275	ng	100
33) Chrysene	21.259	228	90692	0.348	ng	99
34) Bis(2-ethylhexyl)phtha...	21.153	149	31542	0.263	ng	99
36) Indeno(1,2,3-cd)pyrene	25.777	276	34894	0.174	ng	100
37) Benzo(b)fluoranthene	22.803	252	64927m	0.366	ng	
38) Benzo(k)fluoranthene	22.847	252	59703	0.345	ng	99
39) Benzo(a)pyrene	23.385	252	56810	0.314	ng	# 86
40) Dibenzo(a,h)anthracene	25.801	278	22561	0.145	ng	96
41) Benzo(g,h,i)perylene	26.469	276	35677	0.191	ng	99

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

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