Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123021\
Data File : BN018292.D
Acq On : 30 Dec 2021 12:31
Operator : CG/JU
Sample : PB141692BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 31 08:21:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2022
Supervised By :mohammad ahmed 01/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	29649	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	115683	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	66627	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	120935	0.400	ng	# 0.00
29) Chrysene-d12	21.196	240	60154	0.400	ng	# 0.00
35) Perylene-d12	23.430	264	55035	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	20877	0.351	ng	0.00
5) Phenol-d6	6.831	99	16953	0.295	ng	0.00
8) Nitrobenzene-d5	8.797	82	25566	0.435	ng	0.01
11) 2-Methylnaphthalene-d10	12.012	152	78744	0.405	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	5432	0.457	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	99580	0.395	ng	0.00
27) Fluoranthene-d10	19.038	212	159243	0.414	ng	0.00
31) Terphenyl-d14	19.654	244	70953	0.464	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.180	88	6417	0.379	ng	# 58
3) n-Nitrosodimethylamine	3.512	42	9087	0.373	ng	# 92
6) bis(2-Chloroethyl)ether	7.080	93	26076	0.370	ng	98
9) Naphthalene	10.470	128	113639	0.397	ng	100
10) Hexachlorobutadiene	10.762	225	34377	0.432	ng	# 100
12) 2-Methylnaphthalene	12.087	142	73908	0.403	ng	100
16) Acenaphthylene	13.977	152	99174	0.423	ng	100
17) Acenaphthene	14.332	154	66735	0.388	ng	99
18) Fluorene	15.309	166	77902	0.384	ng	100
20) 4,6-Dinitro-2-methylph...	15.436	198	318	0.330	ng	# 46
21) 4-Bromophenyl-phenylether	16.214	248	29560	0.402	ng	# 81
22) Hexachlorobenzene	16.324	284	42150	0.450	ng	99
23) Atrazine	16.482	200	13160	0.350	ng	99
24) Pentachlorophenol	16.677	266	2764	0.414	ng	99
25) Phenanthrene	17.042	178	123796	0.388	ng	100
26) Anthracene	17.139	178	92652	0.357	ng	99
28) Fluoranthene	19.068	202	153863	0.412	ng	99
30) Pyrene	19.430	202	152609	0.647	ng	100
32) Benzo(a)anthracene	21.185	228	60904	0.370	ng	100
33) Chrysene	21.238	228	73513	0.380	ng	98
34) Bis(2-ethylhexyl)phtha...	21.132	149	53375	0.711	ng	99
36) Indeno(1,2,3-cd)pyrene	25.702	276	55360	0.421	ng	99
37) Benzo(b)fluoranthene	22.759	252	63809	0.365	ng	96
38) Benzo(k)fluoranthene	22.800	252	56684	0.342	ng	97
39) Benzo(a)pyrene	23.330	252	59587	0.392	ng	93
40) Dibenzo(a,h)anthracene	25.723	278	40382m	0.431	ng	
41) Benzo(g,h,i)perylene	26.384	276	59276	0.452	ng	99

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

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