Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034121.D
Acq On : 21 Sep 2024 13:02
Operator : JU/RC
Sample : PB163560BSD
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163560BSD

Quant Time: Sep 22 23:58:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.430	152	6837	0.400	ng		0.00
7) Naphthalene-d8	10.180	136	20423	0.400	ng		#-0.02
13) Acenaphthene-d10	14.072	164	11530	0.400	ng		0.00
19) Phenanthrene-d10	16.833	188	25493	0.400	ng		0.00
29) Chrysene-d12	21.053	240	18105	0.400	ng		# 0.00
35) Perylene-d12	23.174	264	15734	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.069	112	6391	0.329	ng		0.00
5) Phenol-d6	6.622	99	7443	0.330	ng		-0.01
8) Nitrobenzene-d5	8.568	82	5936	0.380	ng		0.00
11) 2-Methylnaphthalene-d10	11.784	152	11089	0.368	ng		0.00
14) 2,4,6-Tribromophenol	15.579	330	1609	0.308	ng		0.00
15) 2-Fluorobiphenyl	12.683	172	18510	0.395	ng		-0.02
27) Fluoranthene-d10	18.876	212	23278	0.362	ng		-0.01
31) Terphenyl-d14	19.494	244	13574	0.375	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.068	88	3381	0.396	ng		89
3) n-Nitrosodimethylamine	3.372	42	4327	0.445	ng	#	83
6) bis(2-Chloroethyl)ether	6.874	93	7651	0.383	ng		97
9) Naphthalene	10.233	128	22066	0.394	ng		99
10) Hexachlorobutadiene	10.522	225	4234	0.401	ng	#	99
12) 2-Methylnaphthalene	11.859	142	14262	0.391	ng		98
16) Acenaphthylene	13.784	152	19374	0.393	ng		100
17) Acenaphthene	14.137	154	14391	0.407	ng		100
18) Fluorene	15.131	166	18771	0.404	ng		100
20) 4,6-Dinitro-2-methylph...	15.227	198	1275	0.407	ng	#	63
21) 4-Bromophenyl-phenylether	16.039	248	5645	0.394	ng		98
22) Hexachlorobenzene	16.138	284	6487	0.404	ng		96
23) Atrazine	16.324	200	4170	0.351	ng		100
24) Pentachlorophenol	16.486	266	1830	0.344	ng		99
25) Phenanthrene	16.870	178	29571	0.404	ng		100
26) Anthracene	16.957	178	23738	0.397	ng		99
28) Fluoranthene	18.904	202	33124	0.391	ng		100
30) Pyrene	19.271	202	33658	0.440	ng		100
32) Benzo(a)anthracene	21.035	228	23332	0.407	ng		99
33) Chrysene	21.089	228	28714	0.420	ng		99
34) Bis(2-ethylhexyl)phtha...	21.008	149	2672	0.112	ng	#	95
36) Indeno(1,2,3-cd)pyrene	25.256	276	23775	0.353	ng		99
37) Benzo(b)fluoranthene	22.546	252	24731	0.401	ng		99
38) Benzo(k)fluoranthene	22.589	252	28671	0.443	ng		99
39) Benzo(a)pyrene	23.081	252	20047	0.399	ng		98
40) Dibenzo(a,h)anthracene	25.273	278	17933	0.342	ng		99
41) Benzo(g,h,i)perylene	25.884	276	19531	0.332	ng		99

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

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