Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021701.D
Acq On : 10 Sep 2022 17:05
Operator : CG/JU
Sample : PB147570BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

Quant Time: Sep 12 01:11:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.061	152	6214	0.400	ng		0.00
7) Naphthalene-d8	10.887	136	20634	0.400	ng		-0.01
13) Acenaphthene-d10	14.718	164	11596	0.400	ng		0.00
19) Phenanthrene-d10	17.459	188	22532	0.400	ng		-0.01
29) Chrysene-d12	21.655	240	13239	0.400	ng		0.00
35) Perylene-d12	24.164	264	11430	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.591	112	6604	0.543	ng		0.00
5) Phenol-d6	7.216	99	8944	0.577	ng		0.00
8) Nitrobenzene-d5	9.232	82	6469	0.464	ng		0.00
11) 2-Methylnaphthalene-d10	12.474	152	19362	0.416	ng		0.00
14) 2,4,6-Tribromophenol	16.208	330	1704	0.448	ng		0.00
15) 2-Fluorobiphenyl	13.339	172	18619	0.367	ng		0.00
27) Fluoranthene-d10	19.493	212	21053	0.363	ng		0.00
31) Terphenyl-d14	20.079	244	13968	0.469	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	2835	0.365	ng	#	90
3) n-Nitrosodimethylamine	3.735	42	2934	0.419	ng	#	97
6) bis(2-Chloroethyl)ether	7.476	93	7840	0.402	ng		98
9) Naphthalene	10.941	128	23062	0.377	ng		99
10) Hexachlorobutadiene	11.229	225	3897	0.368	ng	#	99
12) 2-Methylnaphthalene	12.180	142	4807	0.599	ng	#	93
16) Acenaphthylene	14.440	152	21295	0.391	ng		100
17) Acenaphthene	14.771	154	14509	0.379	ng		99
18) Fluorene	15.755	166	17863	0.378	ng		100
21) 4-Bromophenyl-phenylether	16.649	248	5418	0.384	ng	#	91
22) Hexachlorobenzene	16.762	284	6233	0.362	ng		99
23) Atrazine	16.916	200	4203	0.511	ng		97
24) Pentachlorophenol	17.111	266	1170	0.429	ng		98
25) Phenanthrene	17.500	178	28598	0.368	ng		100
26) Anthracene	17.593	178	24108	0.390	ng		100
28) Fluoranthene	19.522	202	28331	0.351	ng		99
30) Pyrene	19.885	202	31534	0.447	ng		97
32) Benzo(a)anthracene	21.637	228	20480	0.444	ng		99
33) Chrysene	21.691	228	20451	0.372	ng		100
34) Bis(2-ethylhexyl)phtha...	21.548	149	14816	0.798	ng		99
36) Indeno(1,2,3-cd)pyrene	26.807	276	20091	0.389	ng		98
37) Benzo(b)fluoranthene	23.390	252	17696	0.314	ng	#	93
38) Benzo(k)fluoranthene	23.439	252	18332m	0.323	ng		
39) Benzo(a)pyrene	24.050	252	15182	0.386	ng	#	88
40) Dibenzo(a,h)anthracene	26.831	278	15946	0.384	ng		98
41) Benzo(g,h,i)perylene	27.623	276	16561	0.363	ng		97

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

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