Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061422\
Data File : BN020160.D
Acq On : 14 Jun 2022 17:10
Operator : CG/JU
Sample : PB145484BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Quant Time: Jun 15 01:24:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 16:17:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	3667	0.400	ng		0.00
7) Naphthalene-d8	10.594	136	11905	0.400	ng		0.00
13) Acenaphthene-d10	14.431	164	7723	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	17538	0.400	ng		#-0.01
29) Chrysene-d12	21.360	240	15053	0.400	ng		0.00
35) Perylene-d12	23.682	264	12133	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	3764	0.373	ng		0.00
5) Phenol-d6	6.981	99	4161	0.361	ng		0.00
8) Nitrobenzene-d5	8.961	82	3052	0.358	ng		0.00
11) 2-Methylnaphthalene-d10	12.185	152	8226	0.387	ng		0.00
14) 2,4,6-Tribromophenol	15.923	330	909	0.309	ng		0.00
15) 2-Fluorobiphenyl	13.052	172	12272	0.394	ng		0.00
27) Fluoranthene-d10	19.202	212	19765	0.363	ng		0.00
31) Terphenyl-d14	19.805	244	14359	0.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	1715	0.397	ng		96
3) n-Nitrosodimethylamine	3.637	42	1388	0.343	ng	#	89
6) bis(2-Chloroethyl)ether	7.233	93	3581	0.358	ng		99
9) Naphthalene	10.637	128	13967	0.388	ng		99
10) Hexachlorobutadiene	10.936	225	2476	0.389	ng	#	100
12) 2-Methylnaphthalene	12.257	142	9517	0.383	ng		99
16) Acenaphthylene	14.142	152	13151	0.361	ng		99
17) Acenaphthene	14.495	154	9946	0.389	ng		97
18) Fluorene	15.479	166	13193	0.384	ng		100
20) 4,6-Dinitro-2-methylph...	15.575	198	548	0.342	ng	#	70
21) 4-Bromophenyl-phenylether	16.364	248	3754	0.365	ng		97
22) Hexachlorobenzene	16.487	284	4261	0.377	ng		100
23) Atrazine	16.641	200	2495	0.332	ng		97
24) Pentachlorophenol	16.836	266	1152	0.285	ng		95
25) Phenanthrene	17.205	178	22348	0.372	ng		100
26) Anthracene	17.308	178	18009	0.352	ng		100
28) Fluoranthene	19.232	202	24625	0.365	ng		99
30) Pyrene	19.594	202	25289	0.389	ng		100
32) Benzo(a)anthracene	21.342	228	20673	0.368	ng		98
33) Chrysene	21.395	228	22153	0.366	ng		98
34) Bis(2-ethylhexyl)phtha...	21.279	149	10683	0.321	ng		99
36) Indeno(1,2,3-cd)pyrene	26.059	276	19565	0.383	ng		99
37) Benzo(b)fluoranthene	22.978	252	18876	0.382	ng	#	87
38) Benzo(k)fluoranthene	23.024	252	19563	0.391	ng	#	89
39) Benzo(a)pyrene	23.577	252	15820	0.382	ng	#	75
40) Dibenzo(a,h)anthracene	26.077	278	15851	0.387	ng		96
41) Benzo(g,h,i)perylene	26.781	276	17178	0.383	ng		98

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

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