Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021697.D
Acq On : 10 Sep 2022 14:01
Operator : CG/JU
Sample : PB147455BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147455BS

Quant Time: Sep 12 01:09:41 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	8.062	152	6070	0.400	ng	0.00
7) Naphthalene-d8	10.887	136	20344	0.400	ng	-0.01
13) Acenaphthene-d10	14.718	164	11320	0.400	ng	0.00
19) Phenanthrene-d10	17.459	188	22097	0.400	ng	#-0.01
29) Chrysene-d12	21.655	240	14277	0.400	ng	0.00
35) Perylene-d12	24.164	264	10812	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	6760	0.569	ng	0.00
5) Phenol-d6	7.217	99	9218	0.609	ng	0.00
8) Nitrobenzene-d5	9.232	82	6600	0.480	ng	0.00
11) 2-Methylnaphthalene-d10	12.478	152	18479	0.403	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1815	0.488	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	18094	0.366	ng	0.00
27) Fluoranthene-d10	19.493	212	21445	0.377	ng	0.00
31) Terphenyl-d14	20.079	244	14368	0.448	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	2690	0.354	ng	# 93
3) n-Nitrosodimethylamine	3.735	42	2825	0.413	ng	# 95
6) bis(2-Chloroethyl)ether	7.477	93	7733	0.406	ng	98
9) Naphthalene	10.941	128	22794	0.378	ng	99
10) Hexachlorobutadiene	11.229	225	3852	0.369	ng	# 100
12) 2-Methylnaphthalene	12.180	142	4863	0.611	ng	# 92
16) Acenaphthylene	14.440	152	21003	0.395	ng	100
17) Acenaphthene	14.771	154	14105	0.377	ng	99
18) Fluorene	15.765	166	17483	0.379	ng	99
21) 4-Bromophenyl-phenylether	16.649	248	5348	0.387	ng	# 90
22) Hexachlorobenzene	16.762	284	6151	0.364	ng	99
23) Atrazine	16.916	200	4291	0.532	ng	97
24) Pentachlorophenol	17.111	266	1329	0.464	ng	100
25) Phenanthrene	17.500	178	28394	0.372	ng	100
26) Anthracene	17.593	178	24180	0.399	ng	100
28) Fluoranthene	19.522	202	28664	0.362	ng	98
30) Pyrene	19.889	202	29060	0.382	ng	# 92
32) Benzo(a)anthracene	21.637	228	22040	0.443	ng	100
33) Chrysene	21.691	228	21718	0.367	ng	100
34) Bis(2-ethylhexyl)phtha...	21.548	149	18134	0.905	ng	99
36) Indeno(1,2,3-cd)pyrene	26.807	276	18908	0.387	ng	99
37) Benzo(b)fluoranthene	23.390	252	17594	0.330	ng	97
38) Benzo(k)fluoranthene	23.442	252	17727	0.330	ng	95
39) Benzo(a)pyrene	24.050	252	14397	0.387	ng	94
40) Dibenzo(a,h)anthracene	26.831	278	15036	0.383	ng	98
41) Benzo(g,h,i)perylene	27.629	276	15745	0.365	ng	98

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

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