Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017363.D
Acq On : 10 Nov 2021 00:36
Operator : CG/JU
Sample : PB140411BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB140411BS

Quant Time: Nov 10 11:22:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 10 11:00:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	29954	0.400	ng	0.00
7) Naphthalene-d8	10.307	136	136056	0.400	ng	# 0.00
13) Acenaphthene-d10	14.181	164	71864	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	133750	0.400	ng	0.00
29) Chrysene-d12	21.133	240	124290	0.400	ng	# 0.00
35) Perylene-d12	23.332	264	110257	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.164	112	24283	0.352	ng	0.00
5) Phenol-d6	6.731	99	26676	0.351	ng	0.00
8) Nitrobenzene-d5	8.684	82	31021	0.380	ng	0.00
11) 2-Methylnaphthalene-d10	11.911	152	65256	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.679	330	8063	0.301	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	96180	0.352	ng	0.00
27) Fluoranthene-d10	18.975	212	121774	0.357	ng	0.00
31) Terphenyl-d14	19.591	244	106050	0.383	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.144	88	6051	0.361	ng	# 86
3) n-Nitrosodimethylamine	3.476	42	10250	0.398	ng	99
6) bis(2-Chloroethyl)ether	6.989	93	30348	0.379	ng	99
9) Naphthalene	10.357	128	130713	0.365	ng	100
10) Hexachlorobutadiene	10.649	225	23721	0.338	ng	# 100
12) 2-Methylnaphthalene	11.986	142	77551	0.329	ng	99
16) Acenaphthylene	13.902	152	105870	0.361	ng	100
17) Acenaphthene	14.245	154	73400	0.364	ng	99
18) Fluorene	15.234	166	88554	0.368	ng	100
20) 4,6-Dinitro-2-methylph...	15.336	198	1903	0.299	ng	95
21) 4-Bromophenyl-phenylether	16.131	248	27458	0.367	ng	98
22) Hexachlorobenzene	16.240	284	30991	0.369	ng	99
23) Atrazine	16.423	200	16882	0.333	ng	99
24) Pentachlorophenol	16.593	266	7434	0.398	ng	100
25) Phenanthrene	16.970	178	141919	0.370	ng	100
26) Anthracene	17.068	178	112538	0.352	ng	100
28) Fluoranthene	19.005	202	153654	0.372	ng	100
30) Pyrene	19.367	202	151638	0.378	ng	100
32) Benzo(a)anthracene	21.123	228	130002	0.345	ng	100
33) Chrysene	21.176	228	150955	0.376	ng	100
34) Bis(2-ethylhexyl)phtha...	21.080	149	44975	0.338	ng	100
36) Indeno(1,2,3-cd)pyrene	25.540	276	123697	0.320	ng	100
37) Benzo(b)fluoranthene	22.675	252	130876	0.363	ng	100
38) Benzo(k)fluoranthene	22.719	252	138600	0.384	ng	98
39) Benzo(a)pyrene	23.236	252	112872	0.354	ng	99
40) Dibenzo(a,h)anthracene	25.564	278	97792	0.315	ng	100
41) Benzo(g,h,i)perylene	26.214	276	103220	0.308	ng	99

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

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