Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
Data File : BN016865.D
Acq On : 09 Oct 2021 05:01
Operator : CG/JU
Sample : PB139694BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139694BS

Quant Time: Oct 09 05:43:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 15:46:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	20915	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	92339	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	47961	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	93271	0.400	ng	#-0.01
29) Chrysene-d12	21.206	240	98125	0.400	ng	0.00
35) Perylene-d12	23.447	264	101002	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.236	112	18167	0.348	ng	0.00
5) Phenol-d6	6.794	99	20350	0.343	ng	0.00
8) Nitrobenzene-d5	8.759	82	20177	0.312	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	48535	0.353	ng	0.00
14) 2,4,6-Tribromophenol	15.740	330	7604	0.306	ng	-0.01
15) 2-Fluorobiphenyl	12.860	172	68860	0.356	ng	-0.01
27) Fluoranthene-d10	19.043	212	89229	0.344	ng	0.00
31) Terphenyl-d14	19.654	244	78637	0.367	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	3114	0.333	ng	# 73
3) n-Nitrosodimethylamine	3.567	42	5980	0.364	ng	96
6) bis(2-Chloroethyl)ether	7.052	93	21010	0.363	ng	99
9) Naphthalene	10.432	128	88683	0.353	ng	100
10) Hexachlorobutadiene	10.723	225	17184	0.358	ng	# 99
12) 2-Methylnaphthalene	12.052	142	57571	0.358	ng	100
16) Acenaphthylene	13.964	152	70427	0.333	ng	100
17) Acenaphthene	14.307	154	49838	0.354	ng	100
18) Fluorene	15.296	166	60919	0.356	ng	100
20) 4,6-Dinitro-2-methylph...	15.385	198	1335	0.260	ng	# 75
21) 4-Bromophenyl-phenylether	16.202	248	19899	0.342	ng	# 89
22) Hexachlorobenzene	16.299	284	23612	0.356	ng	99
23) Atrazine	16.482	200	13065	0.283	ng	97
24) Pentachlorophenol	16.652	266	7122	0.330	ng	99
25) Phenanthrene	17.042	178	99496	0.359	ng	100
26) Anthracene	17.127	178	81318	0.330	ng	100
28) Fluoranthene	19.073	202	112123	0.360	ng	100
30) Pyrene	19.435	202	112410	0.373	ng	100
32) Benzo(a)anthracene	21.195	228	108248	0.357	ng	97
33) Chrysene	21.238	228	119789	0.388	ng	100
34) Bis(2-ethylhexyl)phtha...	21.142	149	41242	0.267	ng	100
36) Indeno(1,2,3-cd)pyrene	25.709	276	132621	0.347	ng	99
37) Benzo(b)fluoranthene	22.772	252	120278	0.376	ng	99
38) Benzo(k)fluoranthene	22.817	252	120933	0.389	ng	99
39) Benzo(a)pyrene	23.347	252	106877	0.366	ng	99
40) Dibenzo(a,h)anthracene	25.730	278	107624	0.344	ng	100
41) Benzo(g,h,i)perylene	26.397	276	112156	0.337	ng	99

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

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