Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112521\
Data File : BN017596.D
Acq On : 25 Nov 2021 01:04
Operator : CG/JU
Sample : PB141021BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB141021BSD

Quant Time: Nov 26 06:05:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 25 03:24:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	24700	0.400	ng	0.00
7) Naphthalene-d8	10.535	136	105875	0.400	ng	0.00
13) Acenaphthene-d10	14.372	164	58045	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	116191	0.400	ng	# 0.00
29) Chrysene-d12	21.303	240	100478	0.400	ng	#-0.01
35) Perylene-d12	23.619	264	70754	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.339	112	22575	0.347	ng	0.00
5) Phenol-d6	6.915	99	25200	0.343	ng	0.00
8) Nitrobenzene-d5	8.887	82	15786	0.283	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	64614	0.352	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	8443	0.282	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	81901	0.365	ng	0.00
27) Fluoranthene-d10	19.154	212	130461	0.333	ng	0.00
31) Terphenyl-d14	19.759	244	85734	0.364	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.301	88	4392	0.365	ng	# 100
3) n-Nitrosodimethylamine	3.624	42	8394	0.343	ng	# 66
6) bis(2-Chloroethyl)ether	7.173	93	25973	0.359	ng	100
9) Naphthalene	10.573	128	95474	0.359	ng	99
10) Hexachlorobutadiene	10.877	225	23610	0.353	ng	# 100
12) 2-Methylnaphthalene	12.195	142	63197	0.358	ng	99
16) Acenaphthylene	14.092	152	80731	0.329	ng	100
17) Acenaphthene	14.435	154	55488	0.352	ng	100
18) Fluorene	15.425	166	68612	0.345	ng	100
20) 4,6-Dinitro-2-methylph...	15.501	198	185	0.333	ng	95
21) 4-Bromophenyl-phenylether	16.313	248	24838	0.342	ng	# 90
22) Hexachlorobenzene	16.435	284	30742	0.368	ng	100
23) Atrazine	16.581	200	11817	0.342	ng	# 95
24) Pentachlorophenol	16.776	266	6195	0.269	ng	100
25) Phenanthrene	17.153	178	114466	0.362	ng	100
26) Anthracene	17.250	178	98167	0.339	ng	100
28) Fluoranthene	19.183	202	135043	0.354	ng	100
30) Pyrene	19.546	202	132703	0.368	ng	100
32) Benzo(a)anthracene	21.293	228	111527	0.334	ng	98
33) Chrysene	21.346	228	121722	0.370	ng	99
34) Bis(2-ethylhexyl)phtha...	21.239	149	29613	0.322	ng	99
36) Indeno(1,2,3-cd)pyrene	25.995	276	51943	0.344	ng	94
37) Benzo(b)fluoranthene	22.921	252	94581	0.346	ng	100
38) Benzo(k)fluoranthene	22.966	252	93201	0.360	ng	98
39) Benzo(a)pyrene	23.520	252	73689	0.338	ng	99
40) Dibenzo(a,h)anthracene	26.012	278	42323	0.333	ng	98
41) Benzo(g,h,i)perylene	26.717	276	39516	0.351	ng	98

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

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