Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052121\
Data File : BN014695.D
Acq On : 21 May 2021 16:12
Operator : CG/JU
Sample : PB136377BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB136377BSD

Quant Time: May 21 16:42:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 21 11:30:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	875	0.40	ng		# 0.00
7) Naphthalene-d8	10.505	136	3152	0.40	ng		# 0.00
13) Acenaphthene-d10	14.372	164	2158	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	4681	0.40	ng		# 0.00
29) Chrysene-d12	21.322	240	4508	0.40	ng		0.00
35) Perylene-d12	23.586	264	4116	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.324	112	996	0.43	ng		0.00
5) Phenol-d6	6.895	99	1364	0.44	ng		0.00
8) Nitrobenzene-d5	8.870	82	1206	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	12.102	152	3171	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	438	0.44	ng		0.00
15) 2-Fluorobiphenyl	12.989	172	3508	0.44	ng		0.00
27) Fluoranthene-d10	19.161	212	7739	0.37	ng		0.00
31) Terphenyl-d14	19.761	244	5353	0.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	528	0.39	ng		91
3) n-Nitrosodimethylamine	3.641	42	135	0.31	ng	#	81
6) bis(2-Chloroethyl)ether	7.153	93	1120	0.44	ng		89
9) Naphthalene	10.556	128	3507	0.42	ng	#	93
10) Hexachlorobutadiene	10.847	225	928	0.46	ng	#	98
12) 2-Methylnaphthalene	12.177	142	2482	0.41	ng	#	85
16) Acenaphthylene	14.080	152	3278	0.41	ng		97
17) Acenaphthene	14.435	154	2435	0.41	ng		99
18) Fluorene	15.425	166	3200	0.40	ng		99
20) 4,6-Dinitro-2-methylph...	15.501	198	196	0.41	ng	#	1
21) 4-Bromophenyl-phenylether	16.312	248	1333	0.46	ng	#	75
22) Hexachlorobenzene	16.434	284	1494	0.49	ng		93
23) Atrazine	16.580	200	725	0.40	ng	#	90
24) Pentachlorophenol	16.775	266	321	0.32	ng	#	36
25) Phenanthrene	17.164	178	5318	0.41	ng		100
26) Anthracene	17.250	178	4445	0.41	ng		98
28) Fluoranthene	19.186	202	6340	0.37	ng		98
30) Pyrene	19.553	202	6215	0.50	ng		99
32) Benzo(a)anthracene	21.300	228	5392	0.41	ng		97
33) Chrysene	21.353	228	6043	0.44	ng		98
34) Bis(2-ethylhexyl)phtha...	21.237	149	1517	0.42	ng	#	76
36) Indeno(1,2,3-cd)pyrene	25.872	276	6746	0.41	ng	#	88
37) Benzo(b)fluoranthene	22.905	252	5942	0.42	ng	#	95
38) Benzo(k)fluoranthene	22.949	252	6112	0.42	ng	#	94
39) Benzo(a)pyrene	23.486	252	5143	0.43	ng	#	93
40) Dibenzo(a,h)anthracene	25.889	278	5776	0.41	ng	#	94
41) Benzo(g,h,i)perylene	26.570	276	5832	0.43	ng	#	90

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

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