Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
Data File : BN012436.D
Acq On : 29 Oct 2020 13:55
Operator : CG/JU
Sample : PB132672BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB132672BSD

Quant Time: Oct 29 14:28:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	555	0.40	ng	# 0.00
7) Naphthalene-d8	10.352	136	2212	0.40	ng	# 0.00
13) Acenaphthene-d10	14.217	164	1280	0.40	ng	0.00
19) Phenanthrene-d10	16.968	188	2738	0.40	ng	# 0.00
29) Chrysene-d12	21.184	240	2727	0.40	ng	# 0.01
36) Perylene-d12	23.357	264	3242	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.186	112	691	0.36	ng	0.00
5) Phenol-d6	6.765	99	766	0.33	ng	0.00
8) Nitrobenzene-d5	8.742	82	874	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	11.953	152	1269	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.727	330	315	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.847	172	1706	0.36	ng	0.00
27) Fluoranthene-d10	19.013	212	3023	0.36	ng	0.00
31) Terphenyl-d14	19.623	244	2238	0.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.173	88	397	0.44	ng	# 81
3) n-Nitrosodimethylamine	3.487	42	847	0.39	ng	# 67
6) bis(2-Chloroethyl)ether	7.023	93	418	0.27	ng	# 76
9) Naphthalene	10.402	128	2284	0.37	ng	95
10) Hexachlorobutadiene	10.681	225	494	0.38	ng	# 97
12) 2-Methylnaphthalene	12.029	142	1480	0.37	ng	# 89
16) Acenaphthylene	13.938	152	2281	0.36	ng	100
17) Acenaphthene	14.281	154	1455	0.36	ng	87
18) Fluorene	15.270	166	1860	0.36	ng	97
20) 4,6-Dinitro-2-methylph...	15.397	198	195	0.31	ng	# 1
21) 4-Bromophenyl-phenylether	16.177	248	580	0.35	ng	95
22) Hexachlorobenzene	16.275	284	744	0.37	ng	# 81
23) Atrazine	16.457	200	577	0.36	ng	92
24) Pentachlorophenol	16.640	266	336	0.36	ng	95
25) Phenanthrene	17.017	178	2919	0.37	ng	99
26) Anthracene	17.102	178	2505	0.34	ng	99
28) Fluoranthene	19.042	202	3406	0.36	ng	99
30) Pyrene	19.410	202	3494	0.38	ng	99
32) Benzo(a)anthracene	21.163	228	2873	0.35	ng	97
33) Chrysene	21.216	228	3519	0.38	ng	99
34) Bis(2-ethylhexyl)phtha...	21.099	149	1991	0.37	ng	91
35) Indeno(1,2,3-cd)pyrene	25.520	276	4972	0.37	ng	# 95
37) Benzo(b)fluoranthene	22.707	252	3462	0.34	ng	# 85
38) Benzo(k)fluoranthene	22.751	252	4187	0.38	ng	# 85
39) Benzo(a)pyrene	23.261	252	3646	0.37	ng	# 82
40) Dibenzo(a,h)anthracene	25.534	278	3926	0.35	ng	# 85
41) Benzo(g,h,i)perylene	26.174	276	4230	0.36	ng	94

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

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