Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052121\
Data File : BN014694.D
Acq On : 21 May 2021 15:36
Operator : CG/JU
Sample : PB136377BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB136377BS

Quant Time: May 21 16:10:43 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	7.725	152	891	0.40	ng		# 0.00
7) Naphthalene-d8	10.505	136	3233	0.40	ng		# 0.00
13) Acenaphthene-d10	14.372	164	2242	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	4889	0.40	ng		# 0.00
29) Chrysene-d12	21.322	240	4502	0.40	ng		0.00
35) Perylene-d12	23.589	264	4161	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.325	112	1050	0.45	ng		0.00
5) Phenol-d6	6.895	99	1464	0.47	ng		0.00
8) Nitrobenzene-d5	8.870	82	1282	0.46	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	3288	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	465	0.45	ng		0.00
15) 2-Fluorobiphenyl	12.989	172	3604	0.44	ng		0.00
27) Fluoranthene-d10	19.161	212	7863	0.36	ng		0.00
31) Terphenyl-d14	19.762	244	5350	0.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.279	88	490	0.34	ng		98
3) n-Nitrosodimethylamine	3.625	42	151	0.34	ng	#	1
6) bis(2-Chloroethyl)ether	7.153	93	1153	0.44	ng		90
9) Naphthalene	10.556	128	3639	0.43	ng	#	95
10) Hexachlorobutadiene	10.847	225	969	0.47	ng	#	99
12) 2-Methylnaphthalene	12.178	142	2554	0.41	ng	#	90
16) Acenaphthylene	14.080	152	3497	0.42	ng		98
17) Acenaphthene	14.435	154	2528	0.41	ng		98
18) Fluorene	15.425	166	3259	0.40	ng		98
20) 4,6-Dinitro-2-methylph...	15.501	198	232	0.44	ng	#	1
21) 4-Bromophenyl-phenylether	16.313	248	1366	0.46	ng	#	76
22) Hexachlorobenzene	16.434	284	1527	0.48	ng	#	90
23) Atrazine	16.580	200	757	0.40	ng	#	89
24) Pentachlorophenol	16.775	266	359	0.34	ng	#	46
25) Phenanthrene	17.165	178	5505	0.41	ng		99
26) Anthracene	17.250	178	4598	0.41	ng		99
28) Fluoranthene	19.191	202	6338	0.36	ng		97
30) Pyrene	19.553	202	6306	0.51	ng		99
32) Benzo(a)anthracene	21.300	228	5519	0.42	ng		97
33) Chrysene	21.354	228	6116	0.45	ng		98
34) Bis(2-ethylhexyl)phtha...	21.247	149	1786	0.49	ng	#	79
36) Indeno(1,2,3-cd)pyrene	25.879	276	6869	0.41	ng	#	89
37) Benzo(b)fluoranthene	22.905	252	6002	0.42	ng	#	93
38) Benzo(k)fluoranthene	22.953	252	5926	0.40	ng	#	94
39) Benzo(a)pyrene	23.490	252	5236	0.44	ng	#	92
40) Dibenzo(a,h)anthracene	25.893	278	5845	0.41	ng	#	93
41) Benzo(g,h,i)perylene	26.571	276	5944	0.44	ng	#	90

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

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