Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111621\
Data File : BN017481.D
Acq On : 16 Nov 2021 21:42
Operator : CG/JU
Sample : PB140437BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB140437BS

Quant Time: Nov 17 00:24:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 14:06:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.874	152	25504	0.400	ng		0.00
7) Naphthalene-d8	10.661	136	111154	0.400	ng		# 0.00
13) Acenaphthene-d10	14.486	164	55204	0.400	ng		-0.01
19) Phenanthrene-d10	17.238	188	93782	0.400	ng		0.00
29) Chrysene-d12	21.420	240	72055	0.400	ng		# 0.00
35) Perylene-d12	23.794	264	53287	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	22987	0.379	ng		0.00
5) Phenol-d6	7.035	99	24366	0.373	ng		0.00
8) Nitrobenzene-d5	9.014	82	23268	0.338	ng		0.00
11) 2-Methylnaphthalene-d10	12.253	152	62723	0.343	ng		0.00
14) 2,4,6-Tribromophenol	15.983	330	4358	0.311	ng		0.00
15) 2-Fluorobiphenyl	13.128	172	78218	0.376	ng		0.00
27) Fluoranthene-d10	19.268	212	93432	0.334	ng		0.00
31) Terphenyl-d14	19.868	244	66015	0.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	3883	0.346	ng		90
3) n-Nitrosodimethylamine	3.716	42	6886	0.322	ng	#	92
6) bis(2-Chloroethyl)ether	7.293	93	25484	0.364	ng		94
9) Naphthalene	10.712	128	98725	0.353	ng		100
10) Hexachlorobutadiene	11.016	225	20426	0.350	ng	#	100
12) 2-Methylnaphthalene	12.324	142	62534	0.354	ng		98
16) Acenaphthylene	14.206	152	64963	0.316	ng		100
17) Acenaphthene	14.549	154	51337	0.344	ng		99
18) Fluorene	15.539	166	58909	0.344	ng		100
20) 4,6-Dinitro-2-methylph...	15.615	198	576	0.277	ng	#	79
21) 4-Bromophenyl-phenylether	16.435	248	17953	0.338	ng	#	69
22) Hexachlorobenzene	16.544	284	21044	0.351	ng		99
23) Atrazine	16.702	200	9169	0.302	ng		96
24) Pentachlorophenol	16.885	266	3055	0.284	ng		98
25) Phenanthrene	17.274	178	90008	0.349	ng		100
26) Anthracene	17.372	178	69557	0.325	ng		100
28) Fluoranthene	19.297	202	95626	0.346	ng		100
30) Pyrene	19.660	202	93579	0.361	ng		100
32) Benzo(a)anthracene	21.409	228	72900	0.327	ng		98
33) Chrysene	21.452	228	80543	0.351	ng		98
34) Bis(2-ethylhexyl)phtha...	21.345	149	34271	0.294	ng		99
36) Indeno(1,2,3-cd)pyrene	26.241	276	36946	0.300	ng		96
37) Benzo(b)fluoranthene	23.071	252	68470	0.342	ng		97
38) Benzo(k)fluoranthene	23.119	252	64599	0.351	ng	#	96
39) Benzo(a)pyrene	23.688	252	50398	0.325	ng		96
40) Dibenzo(a,h)anthracene	26.262	278	26861	0.287	ng	#	82
41) Benzo(g,h,i)perylene	26.987	276	41268	0.357	ng		98

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

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