Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112321\
Data File : BN017550.D
Acq On : 22 Nov 2021 18:21
Operator : CG/JU
Sample : PB140956BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB140956BS

Quant Time: Nov 23 02:40:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 14:57:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.865	152	28575	0.400	ng		0.00
7) Naphthalene-d8	10.649	136	127093	0.400	ng		#-0.01
13) Acenaphthene-d10	14.486	164	66363	0.400	ng		0.00
19) Phenanthrene-d10	17.226	188	126466	0.400	ng		0.00
29) Chrysene-d12	21.409	240	111035	0.400	ng		# 0.00
35) Perylene-d12	23.780	264	86236	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.440	112	23867	0.337	ng		0.00
5) Phenol-d6	7.026	99	26825	0.336	ng		0.00
8) Nitrobenzene-d5	9.001	82	27423	0.328	ng		-0.01
11) 2-Methylnaphthalene-d10	12.240	152	74646	0.353	ng		0.00
14) 2,4,6-Tribromophenol	15.970	330	6017	0.295	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	89608	0.363	ng		0.00
27) Fluoranthene-d10	19.258	212	133185	0.342	ng		0.00
31) Terphenyl-d14	19.858	244	89368	0.366	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	4813	0.351	ng		97
3) n-Nitrosodimethylamine	3.716	42	8779	0.311	ng		95
6) bis(2-Chloroethyl)ether	7.284	93	29846	0.366	ng		95
9) Naphthalene	10.699	128	114283	0.354	ng		99
10) Hexachlorobutadiene	11.004	225	22649	0.356	ng	#	100
12) 2-Methylnaphthalene	12.315	142	74871	0.361	ng		97
16) Acenaphthylene	14.194	152	86424	0.326	ng		100
17) Acenaphthene	14.549	154	64023	0.350	ng		99
18) Fluorene	15.526	166	77434	0.351	ng		99
20) 4,6-Dinitro-2-methylph...	15.615	198	1360	0.353	ng		95
21) 4-Bromophenyl-phenylether	16.422	248	23443	0.338	ng	#	76
22) Hexachlorobenzene	16.544	284	26577	0.354	ng		96
23) Atrazine	16.690	200	14424	0.313	ng		98
24) Pentachlorophenol	16.885	266	4031	0.320	ng		99
25) Phenanthrene	17.262	178	125615	0.355	ng		100
26) Anthracene	17.360	178	100926	0.334	ng		100
28) Fluoranthene	19.288	202	139574	0.357	ng		99
30) Pyrene	19.650	202	137874	0.367	ng		100
32) Benzo(a)anthracene	21.399	228	114200	0.330	ng		100
33) Chrysene	21.452	228	132915	0.360	ng		100
34) Bis(2-ethylhexyl)phtha...	21.335	149	46600	0.351	ng		99
36) Indeno(1,2,3-cd)pyrene	26.227	276	76395	0.290	ng		95
37) Benzo(b)fluoranthene	23.061	252	111467	0.355	ng		99
38) Benzo(k)fluoranthene	23.109	252	109899	0.361	ng		98
39) Benzo(a)pyrene	23.677	252	86058	0.332	ng		99
40) Dibenzo(a,h)anthracene	26.248	278	60543	0.280	ng	#	94
41) Benzo(g,h,i)perylene	26.970	276	66940	0.297	ng		97

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

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