Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
Data File : BN016870.D
Acq On : 09 Oct 2021 08:01
Operator : CG/JU
Sample : PB139747BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139747BS

Quant Time: Oct 11 01:01:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 15:46:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	23032	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	100623	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	52859	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	103713	0.400	ng	#-0.01
29) Chrysene-d12	21.206	240	109308	0.400	ng	0.00
35) Perylene-d12	23.447	264	114129	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.236	112	20799	0.362	ng	0.00
5) Phenol-d6	6.794	99	23247	0.355	ng	0.00
8) Nitrobenzene-d5	8.746	82	23249	0.330	ng	-0.01
11) 2-Methylnaphthalene-d10	11.976	152	54625	0.365	ng	0.00
14) 2,4,6-Tribromophenol	15.741	330	8775	0.321	ng	-0.01
15) 2-Fluorobiphenyl	12.860	172	79684	0.374	ng	-0.01
27) Fluoranthene-d10	19.038	212	101493	0.352	ng	0.00
31) Terphenyl-d14	19.654	244	92243	0.387	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	3411	0.331	ng	# 72
3) n-Nitrosodimethylamine	3.567	42	6778	0.375	ng	96
6) bis(2-Chloroethyl)ether	7.052	93	23831	0.374	ng	99
9) Naphthalene	10.432	128	100504	0.367	ng	99
10) Hexachlorobutadiene	10.711	225	19331	0.369	ng	# 100
12) 2-Methylnaphthalene	12.047	142	65471	0.373	ng	99
16) Acenaphthylene	13.964	152	81927	0.351	ng	100
17) Acenaphthene	14.307	154	57224	0.369	ng	99
18) Fluorene	15.296	166	70245	0.373	ng	100
20) 4,6-Dinitro-2-methylph...	15.385	198	1708	0.268	ng	# 70
21) 4-Bromophenyl-phenylether	16.202	248	22750	0.352	ng	# 86
22) Hexachlorobenzene	16.300	284	26910	0.365	ng	99
23) Atrazine	16.482	200	15223	0.297	ng	96
24) Pentachlorophenol	16.652	266	8194	0.338	ng	99
25) Phenanthrene	17.042	178	115201	0.374	ng	100
26) Anthracene	17.127	178	95085	0.347	ng	100
28) Fluoranthene	19.068	202	129637	0.375	ng	100
30) Pyrene	19.435	202	130686	0.389	ng	100
32) Benzo(a)anthracene	21.196	228	124838	0.369	ng	96
33) Chrysene	21.238	228	136522	0.397	ng	100
34) Bis(2-ethylhexyl)phtha...	21.142	149	45664	0.266	ng	100
36) Indeno(1,2,3-cd)pyrene	25.709	276	157026	0.363	ng	98
37) Benzo(b)fluoranthene	22.773	252	137348	0.380	ng	99
38) Benzo(k)fluoranthene	22.820	252	144898	0.413	ng	98
39) Benzo(a)pyrene	23.348	252	125452	0.380	ng	99
40) Dibenzo(a,h)anthracene	25.726	278	127288	0.360	ng	97
41) Benzo(g,h,i)perylene	26.397	276	131684	0.350	ng	99

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

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