Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
Data File : BN016831.D
Acq On : 08 Oct 2021 06:55
Operator : CG/JU
Sample : PB139589BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139589BS

Quant Time: Oct 08 07:55:01 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 01:39:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	22213	0.40	ng	0.00
7) Naphthalene-d8	10.381	136	98070	0.40	ng	# 0.00
13) Acenaphthene-d10	14.243	164	50895	0.40	ng	0.00
19) Phenanthrene-d10	16.993	188	97527	0.40	ng	#-0.01
29) Chrysene-d12	21.206	240	101743	0.40	ng	#-0.01
35) Perylene-d12	23.450	264	108366	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.227	112	20562	0.37	ng	0.00
5) Phenol-d6	6.794	99	23174	0.37	ng	0.00
8) Nitrobenzene-d5	8.759	82	22750	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	55026	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.740	330	8663	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.860	172	77113	0.38	ng	-0.01
27) Fluoranthene-d10	19.043	212	98850	0.36	ng	0.00
31) Terphenyl-d14	19.654	244	87810	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	3793	0.38	ng	# 73
3) n-Nitrosodimethylamine	3.548	42	6565	0.38	ng	96
6) bis(2-Chloroethyl)ether	7.052	93	23852	0.39	ng	100
9) Naphthalene	10.432	128	100631	0.38	ng	100
10) Hexachlorobutadiene	10.723	225	19515	0.38	ng	# 100
12) 2-Methylnaphthalene	12.052	142	65419	0.38	ng	99
16) Acenaphthylene	13.964	152	80661	0.36	ng	100
17) Acenaphthene	14.307	154	56490	0.38	ng	99
18) Fluorene	15.296	166	69072	0.38	ng	99
20) 4,6-Dinitro-2-methylph...	15.385	198	2037	0.28	ng	# 69
21) 4-Bromophenyl-phenylether	16.202	248	22481	0.37	ng	# 89
22) Hexachlorobenzene	16.312	284	26322	0.38	ng	99
23) Atrazine	16.482	200	15205	0.32	ng	97
24) Pentachlorophenol	16.652	266	8185	0.35	ng	99
25) Phenanthrene	17.042	178	109600	0.38	ng	100
26) Anthracene	17.127	178	92783	0.36	ng	100
28) Fluoranthene	19.073	202	124708	0.38	ng	100
30) Pyrene	19.435	202	124786	0.40	ng	100
32) Benzo(a)anthracene	21.195	228	119438	0.38	ng	97
33) Chrysene	21.249	228	132206	0.41	ng	98
34) Bis(2-ethylhexyl)phtha...	21.142	149	48094	0.30	ng	100
36) Indeno(1,2,3-cd)pyrene	25.716	276	166777	0.41	ng	99
37) Benzo(b)fluoranthene	22.779	252	135297	0.39	ng	99
38) Benzo(k)fluoranthene	22.820	252	138285	0.41	ng	98
39) Benzo(a)pyrene	23.351	252	123644	0.39	ng	99
40) Dibenzo(a,h)anthracene	25.733	278	136653	0.41	ng	99
41) Benzo(g,h,i)perylene	26.404	276	141803	0.40	ng	99

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

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