Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
Data File : BN016845.D
Acq On : 08 Oct 2021 15:32
Operator : CG/JU
Sample : PB139589BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139589BS

Quant Time: Oct 08 16:06:40 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	18483	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	81659	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	41879	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	80149	0.400	ng	0.00
29) Chrysene-d12	21.217	240	84853	0.400	ng	# 0.01
35) Perylene-d12	23.453	264	90802	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.226	112	17060	0.369	ng	0.00
5) Phenol-d6	6.794	99	19115	0.364	ng	0.00
8) Nitrobenzene-d5	8.759	82	19092	0.334	ng	0.00
11) 2-Methylnaphthalene-d10	11.980	152	43850	0.361	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	7082	0.327	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	63189	0.374	ng	0.00
27) Fluoranthene-d10	19.043	212	79177	0.356	ng	0.00
31) Terphenyl-d14	19.658	244	71927	0.389	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	2824	0.341	ng	# 73
3) n-Nitrosodimethylamine	3.567	42	5385	0.371	ng	# 98
6) bis(2-Chloroethyl)ether	7.052	93	19203	0.376	ng	100
9) Naphthalene	10.432	128	81397	0.366	ng	100
10) Hexachlorobutadiene	10.723	225	15684	0.369	ng	# 99
12) 2-Methylnaphthalene	12.051	142	52836	0.371	ng	100
16) Acenaphthylene	13.964	152	64852	0.351	ng	100
17) Acenaphthene	14.307	154	45069	0.367	ng	99
18) Fluorene	15.296	166	54719	0.366	ng	100
20) 4,6-Dinitro-2-methylph...	15.385	198	1411	0.272	ng	# 75
21) 4-Bromophenyl-phenylether	16.202	248	17755	0.355	ng	91
22) Hexachlorobenzene	16.312	284	21186	0.372	ng	99
23) Atrazine	16.482	200	12093	0.305	ng	98
24) Pentachlorophenol	16.652	266	6684	0.351	ng	98
25) Phenanthrene	17.042	178	88372	0.371	ng	100
26) Anthracene	17.127	178	73332	0.347	ng	100
28) Fluoranthene	19.073	202	99984	0.374	ng	100
30) Pyrene	19.435	202	101351	0.388	ng	100
32) Benzo(a)anthracene	21.195	228	101369	0.386	ng	98
33) Chrysene	21.248	228	105586	0.395	ng	98
34) Bis(2-ethylhexyl)phtha...	21.153	149	37618	0.282	ng	100
36) Indeno(1,2,3-cd)pyrene	25.716	276	132654	0.386	ng	99
37) Benzo(b)fluoranthene	22.779	252	111650	0.388	ng	99
38) Benzo(k)fluoranthene	22.824	252	111018	0.397	ng	99
39) Benzo(a)pyrene	23.354	252	100050	0.381	ng	99
40) Dibenzo(a,h)anthracene	25.737	278	108592	0.386	ng	99
41) Benzo(g,h,i)perylene	26.407	276	112709	0.377	ng	99

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

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