Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
Data File : BN016868.D
Acq On : 09 Oct 2021 06:49
Operator : CG/JU
Sample : PB139741BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139741BS

Quant Time: Oct 11 05:36:27 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	22780	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	100582	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	52482	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	102843	0.400	ng	#-0.01
29) Chrysene-d12	21.206	240	108140	0.400	ng	0.00
35) Perylene-d12	23.447	264	110350	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.236	112	19746	0.347	ng	0.00
5) Phenol-d6	6.794	99	22118	0.342	ng	0.00
8) Nitrobenzene-d5	8.746	82	22218	0.315	ng	-0.01
11) 2-Methylnaphthalene-d10	11.976	152	53188	0.355	ng	0.00
14) 2,4,6-Tribromophenol	15.740	330	8318	0.306	ng	-0.01
15) 2-Fluorobiphenyl	12.860	172	75474	0.356	ng	-0.01
27) Fluoranthene-d10	19.038	212	98181	0.344	ng	0.00
31) Terphenyl-d14	19.654	244	86652	0.367	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	3355	0.329	ng	# 73
3) n-Nitrosodimethylamine	3.567	42	6510	0.364	ng	96
6) bis(2-Chloroethyl)ether	7.052	93	23045	0.366	ng	99
9) Naphthalene	10.432	128	97013	0.354	ng	99
10) Hexachlorobutadiene	10.711	225	18816	0.359	ng	# 100
12) 2-Methylnaphthalene	12.047	142	63172	0.360	ng	100
16) Acenaphthylene	13.964	152	78009	0.337	ng	100
17) Acenaphthene	14.307	154	55416	0.360	ng	100
18) Fluorene	15.296	166	66423	0.355	ng	99
20) 4,6-Dinitro-2-methylph...	15.385	198	1535	0.262	ng	# 73
21) 4-Bromophenyl-phenylether	16.202	248	21950	0.342	ng	# 87
22) Hexachlorobenzene	16.299	284	25895	0.354	ng	99
23) Atrazine	16.482	200	14444	0.284	ng	97
24) Pentachlorophenol	16.652	266	7715	0.327	ng	99
25) Phenanthrene	17.042	178	109396	0.358	ng	100
26) Anthracene	17.127	178	90234	0.333	ng	100
28) Fluoranthene	19.073	202	123746	0.361	ng	100
30) Pyrene	19.435	202	124156	0.373	ng	100
32) Benzo(a)anthracene	21.196	228	117493	0.351	ng	97
33) Chrysene	21.238	228	131209	0.385	ng	100
34) Bis(2-ethylhexyl)phtha...	21.142	149	44001	0.259	ng	100
36) Indeno(1,2,3-cd)pyrene	25.713	276	144579	0.346	ng	99
37) Benzo(b)fluoranthene	22.772	252	132496	0.379	ng	99
38) Benzo(k)fluoranthene	22.817	252	131209	0.386	ng	99
39) Benzo(a)pyrene	23.348	252	116735	0.366	ng	99
40) Dibenzo(a,h)anthracene	25.726	278	117372	0.343	ng	99
41) Benzo(g,h,i)perylene	26.397	276	122255	0.336	ng	99

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

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