Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101922\
Data File : BN022187.D
Acq On : 18 Oct 2022 21:08
Operator : CG/JU
Sample : PB148223BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB148223BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

Quant Time: Oct 19 02:10:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 02:07:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.957	152	4452	0.400	ng		0.00
7) Naphthalene-d8	10.784	136	14910	0.400	ng		0.00
13) Acenaphthene-d10	14.621	164	8667	0.400	ng		0.00
19) Phenanthrene-d10	17.375	188	17492	0.400	ng		#-0.01
29) Chrysene-d12	21.582	240	11332	0.400	ng		0.00
35) Perylene-d12	24.046	264	8743	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.479	112	4861	0.471	ng		0.00
5) Phenol-d6	7.112	99	6374	0.476	ng		0.00
8) Nitrobenzene-d5	9.129	82	4991	0.416	ng		0.00
11) 2-Methylnaphthalene-d10	12.376	152	10566	0.386	ng		0.00
14) 2,4,6-Tribromophenol	16.121	330	1292	0.391	ng		0.00
15) 2-Fluorobiphenyl	13.242	172	14716	0.389	ng		-0.01
27) Fluoranthene-d10	19.416	212	17113	0.368	ng		0.00
31) Terphenyl-d14	20.015	244	10141	0.445	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.291	88	2144	0.372	ng		98
3) n-Nitrosodimethylamine	3.638	42	2432	0.388	ng	#	98
6) bis(2-Chloroethyl)ether	7.372	93	5756	0.407	ng		97
9) Naphthalene	10.827	128	17987	0.399	ng		100
10) Hexachlorobutadiene	11.115	225	2943	0.377	ng	#	100
12) 2-Methylnaphthalene	12.085	142	3549	0.532	ng	#	90
16) Acenaphthylene	14.343	152	16234	0.394	ng		100
17) Acenaphthene	14.685	154	11311	0.390	ng		99
18) Fluorene	15.669	166	15535	0.444	ng		99
20) 4,6-Dinitro-2-methylph...	15.761	198	346	0.293	ng		89
21) 4-Bromophenyl-phenylether	16.568	248	4044	0.380	ng	#	90
22) Hexachlorobenzene	16.680	284	5155	0.389	ng		100
23) Atrazine	16.841	200	3062	0.387	ng		96
24) Pentachlorophenol	17.027	266	1119	0.275	ng		98
25) Phenanthrene	17.424	178	23390	0.389	ng		100
26) Anthracene	17.511	178	18490	0.383	ng		99
28) Fluoranthene	19.445	202	23481	0.364	ng		100
30) Pyrene	19.812	202	23124	0.465	ng		100
32) Benzo(a)anthracene	21.564	228	16740	0.393	ng		99
33) Chrysene	21.618	228	18192	0.385	ng		100
34) Bis(2-ethylhexyl)phtha...	21.483	149	10653	0.521	ng		99
36) Indeno(1,2,3-cd)pyrene	26.634	276	17041	0.386	ng		99
37) Benzo(b)fluoranthene	23.286	252	16204m	0.391	ng		
38) Benzo(k)fluoranthene	23.336	252	15443	0.374	ng		98
39) Benzo(a)pyrene	23.932	252	13185	0.417	ng	#	80
40) Dibenzo(a,h)anthracene	26.654	278	13476	0.383	ng		99
41) Benzo(g,h,i)perylene	27.432	276	13419	0.353	ng		100

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

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