Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
Data File : BN023044.D
Acq On : 02 Dec 2022 08:33
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

Quant Time: Dec 02 09:03:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 02:30:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.056	152	6289	0.400	ng		0.00
7) Naphthalene-d8	10.872	136	17278	0.400	ng		0.00
13) Acenaphthene-d10	14.687	164	8812	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	17056	0.400	ng	#	0.00
29) Chrysene-d12	21.620	240	9497	0.400	ng	#	0.00
35) Perylene-d12	24.098	264	7007	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.587	112	4957	0.303	ng		0.00
5) Phenol-d6	7.197	99	6550	0.315	ng		0.00
8) Nitrobenzene-d5	9.217	82	4980	0.371	ng		0.00
11) 2-Methylnaphthalene-d10	12.454	152	11420	0.305	ng		0.00
14) 2,4,6-Tribromophenol	16.173	330	1214	0.285	ng		-0.01
15) 2-Fluorobiphenyl	13.319	172	15515	0.385	ng		0.00
27) Fluoranthene-d10	19.464	212	16265	0.351	ng		0.00
31) Terphenyl-d14	20.053	244	8400	0.377	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.442	88	2716m	0.340	ng		
3) n-Nitrosodimethylamine	3.767	42	2865	0.333	ng	#	85
6) bis(2-Chloroethyl)ether	7.471	93	7279	0.372	ng		98
9) Naphthalene	10.925	128	19303	0.363	ng		99
10) Hexachlorobutadiene	11.213	225	4106	0.376	ng	#	99
12) 2-Methylnaphthalene	12.144	142	3090	0.285	ng		97
16) Acenaphthylene	14.410	152	14897m	0.319	ng		
17) Acenaphthene	14.752	154	11213	0.365	ng		99
18) Fluorene	15.739	166	13507	0.344	ng		100
20) 4,6-Dinitro-2-methylph...	15.801	198	774	0.406	ng	#	77
21) 4-Bromophenyl-phenylether	16.620	248	4287	0.348	ng	#	87
22) Hexachlorobenzene	16.744	284	5880	0.391	ng		96
23) Atrazine	16.893	200	2518	0.290	ng	#	88
24) Pentachlorophenol	17.079	266	1221	0.297	ng		98
25) Phenanthrene	17.476	178	21682	0.366	ng		100
26) Anthracene	17.563	178	16682	0.324	ng		100
28) Fluoranthene	19.494	202	20113	0.319	ng		98
30) Pyrene	19.856	202	19337	0.391	ng		100
32) Benzo(a)anthracene	21.602	228	12972	0.338	ng		99
33) Chrysene	21.656	228	15599	0.392	ng		100
34) Bis(2-ethylhexyl)phtha...	21.522	149	5781	0.375	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.689	276	14186	0.488	ng		96
37) Benzo(b)fluoranthene	23.338	252	13473	0.431	ng	#	91
38) Benzo(k)fluoranthene	23.385	252	12946	0.382	ng	#	95
39) Benzo(a)pyrene	23.990	252	9514	0.399	ng	#	80
40) Dibenzo(a,h)anthracene	26.712	278	11212	0.486	ng		95
41) Benzo(g,h,i)perylene	27.490	276	10921	0.439	ng		97

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

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