Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022976.D
Acq On : 30 Nov 2022 07:09
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

Quant Time: Nov 30 07:40:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152	6112	0.400	ng		0.00
7) Naphthalene-d8	10.882	136	15434	0.400	ng		0.00
13) Acenaphthene-d10	14.698	164	7073	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	13333	0.400	ng		0.00
29) Chrysene-d12	21.629	240	9079	0.400	ng		# 0.00
35) Perylene-d12	24.113	264	7124	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.594	112	5655	0.356	ng		0.00
5) Phenol-d6	7.204	99	7157	0.354	ng		0.00
8) Nitrobenzene-d5	9.217	82	4989	0.416	ng		-0.01
11) 2-Methylnaphthalene-d10	12.465	152	11578	0.346	ng		0.00
14) 2,4,6-Tribromophenol	16.185	330	1091	0.319	ng		0.00
15) 2-Fluorobiphenyl	13.330	172	14557	0.450	ng		0.00
27) Fluoranthene-d10	19.468	212	13474	0.372	ng		0.00
31) Terphenyl-d14	20.062	244	8305	0.389	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	2982	0.384	ng		97
3) n-Nitrosodimethylamine	3.774	42	3121	0.373	ng	#	89
6) bis(2-Chloroethyl)ether	7.479	93	7831	0.412	ng		99
9) Naphthalene	10.925	128	19579	0.412	ng		100
10) Hexachlorobutadiene	11.224	225	4218	0.432	ng	#	99
12) 2-Methylnaphthalene	12.151	142	2892	0.298	ng	#	96
16) Acenaphthylene	14.420	152	13848m	0.370	ng		
17) Acenaphthene	14.762	154	10223	0.415	ng		98
18) Fluorene	15.738	166	12086	0.383	ng		98
20) 4,6-Dinitro-2-methylph...	15.813	198	652	0.438	ng	#	76
21) 4-Bromophenyl-phenylether	16.632	248	3874	0.403	ng		92
22) Hexachlorobenzene	16.744	284	5174	0.440	ng		96
23) Atrazine	16.893	200	2266	0.334	ng		97
24) Pentachlorophenol	17.091	266	1104	0.343	ng		98
25) Phenanthrene	17.476	178	19320	0.417	ng		100
26) Anthracene	17.575	178	15012	0.373	ng		99
28) Fluoranthene	19.502	202	18680	0.379	ng		99
30) Pyrene	19.860	202	18287	0.387	ng		100
32) Benzo(a)anthracene	21.611	228	14027	0.382	ng		100
33) Chrysene	21.665	228	16434	0.432	ng		99
34) Bis(2-ethylhexyl)phtha...	21.531	149	5966	0.405	ng		99
36) Indeno(1,2,3-cd)pyrene	26.718	276	15727	0.532	ng		96
37) Benzo(b)fluoranthene	23.350	252	14162	0.445	ng	#	94
38) Benzo(k)fluoranthene	23.402	252	14922	0.433	ng	#	96
39) Benzo(a)pyrene	23.999	252	10177	0.419	ng	#	89
40) Dibenzo(a,h)anthracene	26.738	278	13074	0.557	ng		95
41) Benzo(g,h,i)perylene	27.516	276	13063	0.516	ng		97

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

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