Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120221\
Data File : BN017690.D
Acq On : 02 Dec 2021 20:39
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 03 03:00:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 02 01:51:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.727	152	17976	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	74049	0.400	ng		# 0.00
13) Acenaphthene-d10	14.346	164	46795	0.400	ng		-0.01
19) Phenanthrene-d10	17.092	188	98394	0.400	ng		#-0.01
29) Chrysene-d12	21.293	240	111727	0.400	ng		# 0.01
35) Perylene-d12	23.595	264	116160	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.339	112	17341	0.425	ng		0.00
5) Phenol-d6	6.906	99	17915	0.415	ng		0.00
8) Nitrobenzene-d5	8.862	82	15998	0.509	ng		-0.01
11) 2-Methylnaphthalene-d10	12.102	152	53377	0.413	ng		0.00
14) 2,4,6-Tribromophenol	15.843	330	9363	0.444	ng		0.00
15) 2-Fluorobiphenyl	12.976	172	69922	0.384	ng		-0.01
27) Fluoranthene-d10	19.134	212	131148	0.426	ng		0.00
31) Terphenyl-d14	19.739	244	91745	0.374	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.282	88	3835	0.318	ng		89
3) n-Nitrosodimethylamine	3.624	42	7204	0.427	ng		98
6) bis(2-Chloroethyl)ether	7.155	93	18671	0.373	ng		96
9) Naphthalene	10.560	128	72893	0.390	ng		100
10) Hexachlorobutadiene	10.852	225	21763	0.423	ng	#	100
12) 2-Methylnaphthalene	12.173	142	50959	0.414	ng		98
16) Acenaphthylene	14.067	152	72211	0.396	ng		99
17) Acenaphthene	14.410	154	48194	0.382	ng		100
18) Fluorene	15.399	166	62079	0.405	ng		100
20) 4,6-Dinitro-2-methylph...	15.501	198	60	0.070	ng	#	1
21) 4-Bromophenyl-phenylether	16.301	248	22768	0.377	ng	#	62
22) Hexachlorobenzene	16.410	284	27997	0.382	ng	#	91
23) Atrazine	16.569	200	15793	0.467	ng		99
24) Pentachlorophenol	16.763	266	8110	0.408	ng		100
25) Phenanthrene	17.141	178	102621	0.380	ng		100
26) Anthracene	17.226	178	90666	0.391	ng		100
28) Fluoranthene	19.164	202	128946	0.422	ng	#	97
30) Pyrene	19.526	202	132974	0.369	ng		100
32) Benzo(a)anthracene	21.271	228	134170	0.395	ng		99
33) Chrysene	21.324	228	143271	0.388	ng		99
34) Bis(2-ethylhexyl)phtha...	21.218	149	51284	0.637	ng		95
36) Indeno(1,2,3-cd)pyrene	25.954	276	151470	0.402	ng	#	94
37) Benzo(b)fluoranthene	22.897	252	142399m	0.370	ng		
38) Benzo(k)fluoranthene	22.945	252	144383	0.366	ng		98
39) Benzo(a)pyrene	23.493	252	135846	0.394	ng	#	97
40) Dibenzo(a,h)anthracene	25.974	278	121661	0.395	ng		99
41) Benzo(g,h,i)perylene	26.673	276	132711	0.419	ng	#	94

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

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