Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122822\
Data File : BN023525.D
Acq On : 28 Dec 2022 16:30
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Yogesh Patel 12/29/2022

Quant Time: Dec 29 04:03:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 04:01:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.977	152	4911	0.400	ng		0.00
7) Naphthalene-d8	10.786	136	14146	0.400	ng	#	0.00
13) Acenaphthene-d10	14.624	164	7840	0.400	ng		0.00
19) Phenanthrene-d10	17.365	188	15897	0.400	ng	#	0.00
29) Chrysene-d12	21.562	240	8385	0.400	ng	#	0.00
35) Perylene-d12	24.001	264	6223	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.522	112	4914	0.452	ng		0.00
5) Phenol-d6	7.132	99	5869	0.440	ng		0.00
8) Nitrobenzene-d5	9.142	82	4794	0.433	ng		0.00
11) 2-Methylnaphthalene-d10	12.378	152	8760	0.425	ng		0.00
14) 2,4,6-Tribromophenol	16.111	330	1402	0.365	ng		0.00
15) 2-Fluorobiphenyl	13.244	172	14714	0.474	ng		0.00
27) Fluoranthene-d10	19.401	212	14668	0.377	ng		0.00
31) Terphenyl-d14	19.996	244	12704	0.650	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	2279	0.482	ng		99
3) n-Nitrosodimethylamine	3.702	42	2528	0.443	ng		95
6) bis(2-Chloroethyl)ether	7.392	93	6421	0.496	ng		99
9) Naphthalene	10.840	128	16775	0.464	ng		99
10) Hexachlorobutadiene	11.128	225	3506	0.481	ng	#	100
12) 2-Methylnaphthalene	12.450	142	11906	0.458	ng		99
16) Acenaphthylene	14.346	152	13776	0.423	ng		100
17) Acenaphthene	14.688	154	10100m	0.460	ng		
18) Fluorene	15.671	166	13724	0.449	ng		100
20) 4,6-Dinitro-2-methylph...	15.751	198	744	0.497	ng		94
21) 4-Bromophenyl-phenylether	16.558	248	4181	0.448	ng	#	79
22) Hexachlorobenzene	16.670	284	5441	0.484	ng		99
23) Atrazine	16.831	200	2669	0.370	ng		96
24) Pentachlorophenol	17.017	266	1343	0.408	ng		97
25) Phenanthrene	17.414	178	20060	0.443	ng		100
26) Anthracene	17.501	178	15276	0.406	ng		100
28) Fluoranthene	19.431	202	19473	0.383	ng		100
30) Pyrene	19.793	202	18955	0.606	ng		100
32) Benzo(a)anthracene	21.545	228	12375	0.443	ng		99
33) Chrysene	21.598	228	13811	0.481	ng		99
34) Bis(2-ethylhexyl)phtha...	21.464	149	6839	0.398	ng		100
36) Indeno(1,2,3-cd)pyrene	26.544	276	11136	0.479	ng		100
37) Benzo(b)fluoranthene	23.252	252	11109	0.465	ng		98
38) Benzo(k)fluoranthene	23.302	252	10388	0.442	ng		96
39) Benzo(a)pyrene	23.890	252	8087	0.443	ng		94
40) Dibenzo(a,h)anthracene	26.568	278	8285	0.468	ng		99
41) Benzo(g,h,i)perylene	27.331	276	10300	0.503	ng		98

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

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