Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
Data File : BN019143.D
Acq On : 25 Mar 2022 01:20
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

Quant Time: Mar 25 04:30:22 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	4442	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	11461	0.400	ng		# 0.00
13) Acenaphthene-d10	14.485	164	6843	0.400	ng		-0.01
19) Phenanthrene-d10	17.226	188	13960	0.400	ng		-0.01
29) Chrysene-d12	21.413	240	10164	0.400	ng		# 0.00
35) Perylene-d12	23.779	264	8506	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	3642	0.366	ng		0.00
5) Phenol-d6	7.009	99	3584	0.343	ng		0.00
8) Nitrobenzene-d5	9.003	82	2685	0.325	ng		-0.01
11) 2-Methylnaphthalene-d10	12.246	152	7020	0.369	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	913	0.277	ng		-0.01
15) 2-Fluorobiphenyl	13.116	172	10805	0.394	ng		-0.01
27) Fluoranthene-d10	19.261	212	16132	0.389	ng		0.00
31) Terphenyl-d14	19.856	244	9062	0.363	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	2242	0.408	ng		94
3) n-Nitrosodimethylamine	3.579	42	2000	0.312	ng		99
6) bis(2-Chloroethyl)ether	7.269	93	4610	0.371	ng		97
9) Naphthalene	10.701	128	12986	0.398	ng		99
10) Hexachlorobutadiene	11.000	225	3031	0.380	ng	#	100
12) 2-Methylnaphthalene	12.322	142	8152	0.368	ng		99
16) Acenaphthylene	14.207	152	11089	0.349	ng		99
17) Acenaphthene	14.549	154	8457	0.380	ng		98
18) Fluorene	15.532	166	10599	0.378	ng		100
20) 4,6-Dinitro-2-methylph...	15.628	198	518	0.306	ng	#	68
21) 4-Bromophenyl-phenylether	16.426	248	3368	0.383	ng		96
22) Hexachlorobenzene	16.549	284	4659	0.411	ng		98
23) Atrazine	16.682	200	1982	0.301	ng		98
24) Pentachlorophenol	16.887	266	737	0.212	ng		98
25) Phenanthrene	17.267	178	17020	0.390	ng		100
26) Anthracene	17.359	178	12668	0.343	ng		99
28) Fluoranthene	19.291	202	19681	0.384	ng		100
30) Pyrene	19.653	202	20584	0.407	ng		99
32) Benzo(a)anthracene	21.396	228	10247	0.327	ng		99
33) Chrysene	21.449	228	17461	0.413	ng		100
34) Bis(2-ethylhexyl)phtha...	21.324	149	6730	0.324	ng		99
36) Indeno(1,2,3-cd)pyrene	26.232	276	13213m	0.431	ng		
37) Benzo(b)fluoranthene	23.060	252	11514m	0.371	ng		
38) Benzo(k)fluoranthene	23.106	252	16944m	0.398	ng		
39) Benzo(a)pyrene	23.676	252	11239	0.398	ng	#	82
40) Dibenzo(a,h)anthracene	26.255	278	9579m	0.401	ng		
41) Benzo(g,h,i)perylene	26.974	276	13687	0.454	ng		97

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

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