Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021523\
Data File : BN024048.D
Acq On : 15 Feb 2023 14:24
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 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

Quant Time: Feb 16 03:17:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 02:55:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	4070	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	10253	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	6141	0.400	ng		0.00
19) Phenanthrene-d10	17.228	188	13853	0.400	ng	#	0.00
29) Chrysene-d12	21.428	240	11464	0.400	ng		0.00
35) Perylene-d12	23.822	264	9142	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	3485	0.412	ng		0.00
5) Phenol-d6	7.002	99	4134	0.415	ng		0.00
8) Nitrobenzene-d5	8.993	82	3325	0.404	ng		-0.01
11) 2-Methylnaphthalene-d10	12.231	152	5795	0.407	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	1151	0.364	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	10253	0.422	ng		0.00
27) Fluoranthene-d10	19.266	212	13181	0.392	ng		0.00
31) Terphenyl-d14	19.865	244	9232	0.432	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	1615	0.418	ng		98
3) n-Nitrosodimethylamine	3.600	42	1695	0.392	ng	#	99
6) bis(2-Chloroethyl)ether	7.255	93	4365	0.438	ng		100
9) Naphthalene	10.690	128	10676	0.418	ng		100
10) Hexachlorobutadiene	10.968	225	2817	0.420	ng	#	99
12) 2-Methylnaphthalene	12.302	142	7016	0.412	ng		100
16) Acenaphthylene	14.196	152	9137	0.382	ng		99
17) Acenaphthene	14.549	154	6697	0.412	ng		99
18) Fluorene	15.532	166	9019	0.409	ng		100
20) 4,6-Dinitro-2-methylph...	15.618	198	448	0.332	ng	#	31
21) 4-Bromophenyl-phenylether	16.421	248	3509	0.390	ng	#	86
22) Hexachlorobenzene	16.533	284	4353	0.402	ng		98
23) Atrazine	16.694	200	2171	0.368	ng	#	92
24) Pentachlorophenol	16.893	266	1272	0.410	ng		93
25) Phenanthrene	17.278	178	15099	0.395	ng		100
26) Anthracene	17.365	178	12042	0.383	ng		99
28) Fluoranthene	19.296	202	17328	0.396	ng		99
30) Pyrene	19.663	202	17452	0.439	ng		100
32) Benzo(a)anthracene	21.410	228	14494	0.395	ng		98
33) Chrysene	21.464	228	16544	0.418	ng		100
34) Bis(2-ethylhexyl)phtha...	21.338	149	6624	0.395	ng		98
36) Indeno(1,2,3-cd)pyrene	26.299	276	14359	0.346	ng		99
37) Benzo(b)fluoranthene	23.094	252	16014m	0.433	ng		
38) Benzo(k)fluoranthene	23.138	252	15844	0.433	ng		97
39) Benzo(a)pyrene	23.714	252	11078	0.395	ng		95
40) Dibenzo(a,h)anthracene	26.316	278	11481	0.345	ng		98
41) Benzo(g,h,i)perylene	27.059	276	13302	0.377	ng		96

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

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