Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040323\
Data File : BN024742.D
Acq On : 03 Apr 2023 23:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023

Quant Time: Apr 04 03:58:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 03:11:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.997	152	10271	0.400	ng		0.00
7) Naphthalene-d8	10.802	136	29885	0.400	ng		0.00
13) Acenaphthene-d10	14.633	164	15709	0.400	ng		0.00
19) Phenanthrene-d10	17.376	188	32455	0.400	ng		0.00
29) Chrysene-d12	21.565	240	23394	0.400	ng		0.00
35) Perylene-d12	24.041	264	18447	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.541	112	13629	0.583	ng		0.00
5) Phenol-d6	7.152	99	21097	0.718	ng		0.00
8) Nitrobenzene-d5	9.158	82	10250	0.439	ng		0.00
11) 2-Methylnaphthalene-d10	12.391	152	15701	0.410	ng		0.00
14) 2,4,6-Tribromophenol	16.122	330	2922	0.432	ng		0.00
15) 2-Fluorobiphenyl	13.253	172	27155	0.443	ng		0.00
27) Fluoranthene-d10	19.404	212	27501	0.400	ng		0.00
31) Terphenyl-d14	19.998	244	29252	0.433	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	5286	0.498	ng		98
3) n-Nitrosodimethylamine	3.736	42	8958	0.504	ng	#	98
6) bis(2-Chloroethyl)ether	7.412	93	12376	0.429	ng		100
9) Naphthalene	10.856	128	32327	0.418	ng		100
10) Hexachlorobutadiene	11.144	225	6275	0.409	ng	#	99
12) 2-Methylnaphthalene	12.463	142	21717	0.418	ng		100
16) Acenaphthylene	14.344	152	26623	0.407	ng		100
17) Acenaphthene	14.686	154	19431m	0.428	ng		
18) Fluorene	15.680	166	26075	0.419	ng		100
20) 4,6-Dinitro-2-methylph...	15.750	198	986	0.468	ng		84
21) 4-Bromophenyl-phenylether	16.569	248	7837	0.403	ng		99
22) Hexachlorobenzene	16.681	284	9414	0.411	ng		99
23) Atrazine	16.829	200	4700	0.397	ng		97
24) Pentachlorophenol	17.028	266	3017	0.374	ng		98
25) Phenanthrene	17.413	178	38662	0.412	ng		100
26) Anthracene	17.512	178	32375	0.398	ng		99
28) Fluoranthene	19.433	202	40448	0.406	ng		99
30) Pyrene	19.796	202	40777	0.414	ng		100
32) Benzo(a)anthracene	21.547	228	32912	0.439	ng		100
33) Chrysene	21.601	228	35673	0.431	ng		100
34) Bis(2-ethylhexyl)phtha...	21.458	149	13848	0.412	ng		99
36) Indeno(1,2,3-cd)pyrene	26.611	276	28515	0.407	ng		98
37) Benzo(b)fluoranthene	23.281	252	30552	0.408	ng		99
38) Benzo(k)fluoranthene	23.328	252	28985	0.388	ng		99
39) Benzo(a)pyrene	23.924	252	27615	0.434	ng	#	95
40) Dibenzo(a,h)anthracene	26.638	278	22014	0.399	ng		99
41) Benzo(g,h,i)perylene	27.421	276	24327	0.377	ng		99

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

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