Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017946.D
Acq On : 12 Dec 2021 18:29
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

Quant Time: Dec 13 00:41:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	33425	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	138222	0.400	ng		0.00
13) Acenaphthene-d10	14.334	164	86050	0.400	ng		0.00
19) Phenanthrene-d10	17.092	188	170483	0.400	ng		0.00
29) Chrysene-d12	21.293	240	134435	0.400	ng		0.00
35) Perylene-d12	23.585	264	101305	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.317	112	30754	0.446	ng		0.00
5) Phenol-d6	6.894	99	31586	0.462	ng		0.00
8) Nitrobenzene-d5	8.846	82	34512	0.382	ng		-0.01
11) 2-Methylnaphthalene-d10	12.085	152	97901	0.403	ng		0.00
14) 2,4,6-Tribromophenol	15.844	330	8785	0.520	ng		0.00
15) 2-Fluorobiphenyl	12.964	172	120788	0.399	ng		0.00
27) Fluoranthene-d10	19.124	212	216874	0.392	ng		0.00
31) Terphenyl-d14	19.735	244	132197	0.399	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.270	88	4394	0.433	ng		99
3) n-Nitrosodimethylamine	3.602	42	12951	0.422	ng		94
6) bis(2-Chloroethyl)ether	7.143	93	35309	0.421	ng		100
9) Naphthalene	10.532	128	134727	0.392	ng		99
10) Hexachlorobutadiene	10.836	225	36589	0.374	ng	#	100
12) 2-Methylnaphthalene	12.161	142	92908	0.406	ng		99
16) Acenaphthylene	14.055	152	130210	0.405	ng		100
17) Acenaphthene	14.398	154	89497	0.401	ng		100
18) Fluorene	15.388	166	110103	0.405	ng		100
20) 4,6-Dinitro-2-methylph...	15.514	198	84	0.487	ng	#	77
21) 4-Bromophenyl-phenylether	16.289	248	38007	0.389	ng		93
22) Hexachlorobenzene	16.399	284	48704	0.382	ng		100
23) Atrazine	16.557	200	27340	0.417	ng		95
24) Pentachlorophenol	16.764	266	2413	0.612	ng		97
25) Phenanthrene	17.129	178	171983	0.395	ng		100
26) Anthracene	17.226	178	146099	0.402	ng		99
28) Fluoranthene	19.154	202	212735	0.397	ng		100
30) Pyrene	19.521	202	215824	0.409	ng		100
32) Benzo(a)anthracene	21.272	228	154119	0.407	ng		98
33) Chrysene	21.325	228	167429	0.379	ng		100
34) Bis(2-ethylhexyl)phtha...	21.208	149	83633	0.579	ng		99
36) Indeno(1,2,3-cd)pyrene	25.954	276	63934	0.388	ng		99
37) Benzo(b)fluoranthene	22.891	252	123775	0.370	ng		99
38) Benzo(k)fluoranthene	22.935	252	117618	0.361	ng		100
39) Benzo(a)pyrene	23.486	252	115809	0.389	ng		97
40) Dibenzo(a,h)anthracene	25.975	278	49998m	0.445	ng		
41) Benzo(g,h,i)perylene	26.666	276	64240	0.399	ng		99

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

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