Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121021\
Data File : BN017874.D
Acq On : 10 Dec 2021 17:03
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 12/11/2021
Supervised By :Yogesh Patel 12/15/2021

Quant Time: Dec 11 02:51:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.715	152	19572	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	78908	0.400	ng		0.00
13) Acenaphthene-d10	14.335	164	49781	0.400	ng		-0.01
19) Phenanthrene-d10	17.092	188	97746	0.400	ng	#	0.00
29) Chrysene-d12	21.293	240	77336	0.400	ng	#	0.01
35) Perylene-d12	23.586	264	54223	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.327	112	15946	0.337	ng		0.00
5) Phenol-d6	6.894	99	15573	0.348	ng		0.00
8) Nitrobenzene-d5	8.859	82	17635	0.336	ng		0.00
11) 2-Methylnaphthalene-d10	12.090	152	57216	0.363	ng		0.00
14) 2,4,6-Tribromophenol	15.844	330	3584	0.138	ng		0.00
15) 2-Fluorobiphenyl	12.977	172	70047	0.384	ng		0.01
27) Fluoranthene-d10	19.129	212	128761	0.394	ng		0.00
31) Terphenyl-d14	19.740	244	80221	0.483	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	2840m	0.394	ng		
3) n-Nitrosodimethylamine	3.602	42	7226	0.358	ng		99
6) bis(2-Chloroethyl)ether	7.143	93	20488	0.405	ng		100
9) Naphthalene	10.545	128	80985	0.392	ng		100
10) Hexachlorobutadiene	10.836	225	23120	0.385	ng	#	100
12) 2-Methylnaphthalene	12.165	142	54460	0.366	ng		98
16) Acenaphthylene	14.055	152	70876	0.362	ng		100
17) Acenaphthene	14.398	154	53056	0.407	ng		99
18) Fluorene	15.400	166	63832	0.384	ng		100
20) 4,6-Dinitro-2-methylph...	15.540	198	49m	0.131	ng		
21) 4-Bromophenyl-phenylether	16.289	248	21384	0.362	ng	#	93
22) Hexachlorobenzene	16.399	284	30732	0.437	ng		99
23) Atrazine	16.569	200	13569	0.317	ng		95
24) Pentachlorophenol	16.776	266	540	0.300	ng		98
25) Phenanthrene	17.129	178	101125	0.394	ng		100
26) Anthracene	17.226	178	79857	0.354	ng		100
28) Fluoranthene	19.159	202	130236	0.417	ng		100
30) Pyrene	19.521	202	130448	0.532	ng		100
32) Benzo(a)anthracene	21.272	228	79218	0.333	ng		99
33) Chrysene	21.325	228	102879	0.414	ng		100
34) Bis(2-ethylhexyl)phtha...	21.208	149	30336	0.281	ng		99
36) Indeno(1,2,3-cd)pyrene	25.958	276	33723m	0.224	ng		
37) Benzo(b)fluoranthene	22.891	252	69059	0.375	ng		99
38) Benzo(k)fluoranthene	22.939	252	63819	0.367	ng		100
39) Benzo(a)pyrene	23.493	252	61145	0.369	ng	#	92
40) Dibenzo(a,h)anthracene	25.988	278	23741m	0.204	ng		
41) Benzo(g,h,i)perylene	26.673	276	31604	0.253	ng		99

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

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