Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017948.D
Acq On : 12 Dec 2021 20:53
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

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

Quant Time: Dec 13 00:41:19 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	35425	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	144157	0.400	ng		0.00
13) Acenaphthene-d10	14.334	164	88482	0.400	ng		0.00
19) Phenanthrene-d10	17.092	188	170098	0.400	ng		0.00
29) Chrysene-d12	21.293	240	127853	0.400	ng		0.00
35) Perylene-d12	23.585	264	94355	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.317	112	29954	0.410	ng		0.00
5) Phenol-d6	6.894	99	29955	0.413	ng		0.00
8) Nitrobenzene-d5	8.846	82	33141	0.352	ng		-0.01
11) 2-Methylnaphthalene-d10	12.085	152	100278	0.396	ng		0.00
14) 2,4,6-Tribromophenol	15.844	330	7663	0.491	ng		0.00
15) 2-Fluorobiphenyl	12.964	172	126413	0.406	ng		0.00
27) Fluoranthene-d10	19.124	212	208404	0.378	ng		0.00
31) Terphenyl-d14	19.735	244	125543	0.398	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.270	88	4839	0.450	ng		99
3) n-Nitrosodimethylamine	3.602	42	13369	0.411	ng		95
6) bis(2-Chloroethyl)ether	7.134	93	37001	0.416	ng		100
9) Naphthalene	10.532	128	141606	0.395	ng		100
10) Hexachlorobutadiene	10.836	225	38678	0.379	ng	#	100
12) 2-Methylnaphthalene	12.160	142	96340	0.404	ng		98
16) Acenaphthylene	14.055	152	129005	0.390	ng		100
17) Acenaphthene	14.398	154	91882	0.400	ng		99
18) Fluorene	15.387	166	112461	0.402	ng		100
20) 4,6-Dinitro-2-methylph...	15.514	198	172	0.627	ng	#	60
21) 4-Bromophenyl-phenylether	16.289	248	38485	0.395	ng		95
22) Hexachlorobenzene	16.398	284	50671	0.399	ng		99
23) Atrazine	16.557	200	22892	0.365	ng		94
24) Pentachlorophenol	16.764	266	2509	0.627	ng		97
25) Phenanthrene	17.129	178	175931	0.405	ng		100
26) Anthracene	17.226	178	142149	0.392	ng		99
28) Fluoranthene	19.154	202	211764	0.396	ng		100
30) Pyrene	19.516	202	209200	0.417	ng		100
32) Benzo(a)anthracene	21.271	228	134482	0.378	ng		98
33) Chrysene	21.325	228	161630	0.385	ng		100
34) Bis(2-ethylhexyl)phtha...	21.208	149	48087	0.350	ng		100
36) Indeno(1,2,3-cd)pyrene	25.954	276	57607	0.378	ng		100
37) Benzo(b)fluoranthene	22.890	252	109840	0.352	ng		99
38) Benzo(k)fluoranthene	22.935	252	111333	0.367	ng		100
39) Benzo(a)pyrene	23.489	252	103232	0.373	ng		98
40) Dibenzo(a,h)anthracene	25.974	278	40425m	0.399	ng		
41) Benzo(g,h,i)perylene	26.666	276	55764	0.372	ng		99

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

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