Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
Data File : BN016353.D
Acq On : 20 Sep 2021 20:35
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
9/21/2021 11:30:35 AM

Quant Time: Sep 21 01:34:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 20 11:09:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.689	152	25370	0.400	ng		0.00
7) Naphthalene-d8	10.457	136	111444	0.400	ng	#	0.00
13) Acenaphthene-d10	14.307	164	60357	0.400	ng		0.00
19) Phenanthrene-d10	17.054	188	120384	0.400	ng		0.00
29) Chrysene-d12	21.259	240	130194	0.400	ng		0.00
35) Perylene-d12	23.519	264	123353	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.310	112	25252	0.397	ng		0.00
5) Phenol-d6	6.868	99	30019	0.389	ng		0.00
8) Nitrobenzene-d5	8.823	82	30236	0.457	ng		0.00
11) 2-Methylnaphthalene-d10	12.047	152	67411	0.384	ng		0.00
14) 2,4,6-Tribromophenol	15.804	330	8110	0.458	ng		0.00
15) 2-Fluorobiphenyl	12.937	172	93507	0.396	ng		0.00
27) Fluoranthene-d10	19.098	212	140044	0.402	ng		0.00
31) Terphenyl-d14	19.708	244	119174	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	3653m	0.346	ng		
3) n-Nitrosodimethylamine	3.641	42	10290	0.426	ng	#	76
6) bis(2-Chloroethyl)ether	7.126	93	28026	0.408	ng		94
9) Naphthalene	10.495	128	115417	0.384	ng		99
10) Hexachlorobutadiene	10.787	225	22884	0.401	ng	#	99
12) 2-Methylnaphthalene	12.118	142	77330	0.389	ng		99
16) Acenaphthylene	14.028	152	99294	0.354	ng		100
17) Acenaphthene	14.370	154	68072	0.391	ng		100
18) Fluorene	15.360	166	83976	0.389	ng		99
20) 4,6-Dinitro-2-methylph...	15.436	198	2641	0.556	ng	#	66
21) 4-Bromophenyl-phenylether	16.263	248	26974	0.383	ng	#	93
22) Hexachlorobenzene	16.360	284	26628	0.400	ng	#	91
23) Atrazine	16.531	200	21311	0.331	ng	#	92
24) Pentachlorophenol	16.713	266	10982	0.490	ng		98
25) Phenanthrene	17.103	178	135859	0.399	ng		99
26) Anthracene	17.188	178	120852	0.367	ng		99
28) Fluoranthene	19.123	202	163788	0.418	ng		99
30) Pyrene	19.490	202	164539	0.400	ng		99
32) Benzo(a)anthracene	21.238	228	172330	0.412	ng		98
33) Chrysene	21.291	228	170308	0.421	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	77711	0.344	ng		99
36) Indeno(1,2,3-cd)pyrene	25.816	276	145022	0.364	ng		99
37) Benzo(b)fluoranthene	22.838	252	171162	0.437	ng		99
38) Benzo(k)fluoranthene	22.882	252	169426	0.449	ng		99
39) Benzo(a)pyrene	23.416	252	147398	0.416	ng		97
40) Dibenzo(a,h)anthracene	25.836	278	124384	0.368	ng		96
41) Benzo(g,h,i)perylene	26.514	276	116186	0.345	ng		95

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

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