Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
Data File : BN014029.D
Acq On : 23 Mar 2021 02:04
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
3/23/2021 11:22:57 AM

Quant Time: Mar 23 02:38:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 19 14:40:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.700	152	5984	0.40	ng		0.00
7) Naphthalene-d8	10.480	136	21756	0.40	ng		# 0.00
13) Acenaphthene-d10	14.321	164	11884	0.40	ng		-0.01
19) Phenanthrene-d10	17.068	188	25833	0.40	ng		# 0.00
29) Chrysene-d12	21.239	240	25745	0.40	ng		#-0.01
36) Perylene-d12	23.448	264	24848	0.40	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	5989	0.43	ng		0.00
5) Phenol-d6	6.871	99	7541	0.43	ng		0.00
8) Nitrobenzene-d5	8.845	82	5423	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.066	152	13942	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	1396	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.951	172	18607	0.42	ng		0.00
27) Fluoranthene-d10	19.094	212	29802	0.42	ng		0.00
31) Terphenyl-d14	19.695	244	23995	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	3094	0.39	ng		99
3) n-Nitrosodimethylamine	3.585	42	1569	0.30	ng	#	95
6) bis(2-Chloroethyl)ether	7.129	93	6406	0.42	ng		95
9) Naphthalene	10.518	128	22485	0.42	ng		99
10) Hexachlorobutadiene	10.809	225	4198	0.41	ng	#	99
12) 2-Methylnaphthalene	12.138	142	15019	0.41	ng		99
16) Acenaphthylene	14.042	152	17673	0.39	ng		100
17) Acenaphthene	14.384	154	13777	0.41	ng		99
18) Fluorene	15.374	166	17133	0.41	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	1024	0.35	ng		94
21) 4-Bromophenyl-phenylether	16.264	248	5428	0.41	ng	#	86
22) Hexachlorobenzene	16.374	284	6363	0.42	ng		99
23) Atrazine	16.532	200	3282	0.36	ng		97
24) Pentachlorophenol	16.715	266	1209	0.33	ng		92
25) Phenanthrene	17.104	178	28855	0.41	ng		100
26) Anthracene	17.189	178	23103	0.40	ng		99
28) Fluoranthene	19.124	202	32469	0.41	ng		99
30) Pyrene	19.486	202	32643	0.41	ng		100
32) Benzo(a)anthracene	21.218	228	28570	0.39	ng		97
33) Chrysene	21.271	228	33603	0.42	ng		100
34) Bis(2-ethylhexyl)phtha...	21.154	149	8622	0.32	ng		99
35) Indeno(1,2,3-cd)pyrene	25.656	276	39471	0.46	ng		99
37) Benzo(b)fluoranthene	22.788	252	36765	0.41	ng		97
38) Benzo(k)fluoranthene	22.829	252	36238m	0.41	ng		
39) Benzo(a)pyrene	23.349	252	32620	0.42	ng	#	93
40) Dibenzo(a,h)anthracene	25.670	278	33027	0.40	ng		98
41) Benzo(g,h,i)perylene	26.334	276	34495	0.40	ng		98

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

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