Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110420\
Data File : BN012495.D
Acq On : 04 Nov 2020 18:56
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
mohammad
11/5/2020 11:31:26 AM

Quant Time: Nov 05 05:07:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 04 18:15:52 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.490	152	617	0.40	ng		0.00
7) Naphthalene-d8	10.250	136	2519	0.40	ng		0.00
13) Acenaphthene-d10	14.128	164	1389	0.40	ng		-0.01
19) Phenanthrene-d10	16.883	188	2880	0.40	ng		# 0.00
29) Chrysene-d12	21.089	240	3123	0.40	ng		#-0.01
36) Perylene-d12	23.224	264	3518	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.098	112	3450	1.59	ng		0.00
5) Phenol-d6	6.668	99	4365	1.64	ng		0.00
8) Nitrobenzene-d5	8.628	82	5313	1.83	ng		-0.01
11) 2-Methylnaphthalene-d10	11.851	152	7086	1.72	ng		0.00
14) 2,4,6-Tribromophenol	15.638	330	1687	1.80	ng		0.00
15) 2-Fluorobiphenyl	12.746	172	9291	1.78	ng		-0.01
27) Fluoranthene-d10	18.923	212	15343	1.72	ng		0.00
31) Terphenyl-d14	19.539	244	12611	1.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.052	88	1534	1.48	ng	#	75
3) n-Nitrosodimethylamine	3.366	42	4544	1.78	ng	#	65
6) bis(2-Chloroethyl)ether	6.926	93	3173	1.82	ng	#	87
9) Naphthalene	10.301	128	11971	1.68	ng		96
10) Hexachlorobutadiene	10.592	225	2504	1.70	ng	#	98
12) 2-Methylnaphthalene	11.926	142	8035	1.74	ng	#	90
16) Acenaphthylene	13.849	152	11907	1.72	ng		100
17) Acenaphthene	14.192	154	7447	1.69	ng		90
18) Fluorene	15.194	166	9518	1.73	ng		98
20) 4,6-Dinitro-2-methylph...	15.283	198	1303	2.19	ng	#	27
21) 4-Bromophenyl-phenylether	16.092	248	2929	1.67	ng	#	87
22) Hexachlorobenzene	16.189	284	3668	1.67	ng	#	82
23) Atrazine	16.372	200	2961	1.77	ng	#	93
24) Pentachlorophenol	16.542	266	1766	1.78	ng		97
25) Phenanthrene	16.919	178	14850	1.73	ng		99
26) Anthracene	17.017	178	13945	1.75	ng		99
28) Fluoranthene	18.953	202	17443	1.74	ng		99
30) Pyrene	19.320	202	17840	1.67	ng		100
32) Benzo(a)anthracene	21.078	228	16926	1.74	ng		98
33) Chrysene	21.131	228	17753	1.67	ng		99
34) Bis(2-ethylhexyl)phtha...	21.025	149	10815	1.70	ng		91
35) Indeno(1,2,3-cd)pyrene	25.315	276	26026	1.68	ng		97
37) Benzo(b)fluoranthene	22.590	252	19639	1.73	ng	#	96
38) Benzo(k)fluoranthene	22.631	252	20631m	1.73	ng		
39) Benzo(a)pyrene	23.128	252	18695	1.73	ng		96
40) Dibenzo(a,h)anthracene	25.332	278	21678	1.77	ng		96
41) Benzo(g,h,i)perylene	25.959	276	21539	1.68	ng		97

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

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