Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040521\
Data File : BE101200.D
Acq On : 5 Apr 2021 17:46
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
mohammad
4/6/2021 3:24:01 PM

Quant Time: Apr 06 02:25:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 02:23:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.841	152	3519	0.40	ng		0.00
7) Naphthalene-d8	10.615	136	14968	0.40	ng		0.00
13) Acenaphthene-d10	14.443	164	9488	0.40	ng		-0.01
19) Phenanthrene-d10	17.211	188	23679	0.40	ng		# 0.01
29) Chrysene-d12	21.366	240	29873	0.40	ng		# 0.01
36) Perylene-d12	23.835	264	29198	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.423	112	2123	0.26	ng		0.00
5) Phenol-d6	6.989	99	3011	0.23	ng		0.00
8) Nitrobenzene-d5	8.978	82	2210	0.25	ng		0.00
11) 2-Methylnaphthalene-d10	12.196	152	6656	0.27	ng		0.00
14) 2,4,6-Tribromophenol	15.956	330	541	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.075	172	7103	0.20	ng		0.00
27) Fluoranthene-d10	19.220	212	79302	0.27	ng		0.00
31) Terphenyl-d14	19.818	244	13512	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	1413	0.25	ng		98
3) n-Nitrosodimethylamine	3.683	42	1256	0.21	ng	#	89
6) bis(2-Chloroethyl)ether	7.254	93	2408	0.22	ng		99
9) Naphthalene	10.667	128	33233	0.22	ng		100
10) Hexachlorobutadiene	10.966	225	1445	0.21	ng		96
12) 2-Methylnaphthalene	12.268	142	5540	0.21	ng		100
16) Acenaphthylene	14.169	152	7035	0.19	ng		99
17) Acenaphthene	14.515	154	5485	0.21	ng		97
18) Fluorene	15.502	166	6889	0.20	ng		99
20) 4,6-Dinitro-2-methylph...	15.578	198	409	0.34	ng	#	63
21) 4-Bromophenyl-phenylether	16.409	248	2397	0.23	ng	#	92
22) Hexachlorobenzene	16.515	284	2402	0.21	ng		96
23) Atrazine	16.666	200	1657	0.25	ng		96
24) Pentachlorophenol	16.863	266	794	0.26	ng		97
25) Phenanthrene	17.241	178	13753	0.21	ng		99
26) Anthracene	17.332	178	10970	0.19	ng		99
28) Fluoranthene	19.249	202	16955	0.20	ng		100
30) Pyrene	19.611	202	17512	0.20	ng		99
32) Benzo(a)anthracene	21.342	228	17928	0.23	ng		99
33) Chrysene	21.402	228	20787	0.23	ng		99
34) Bis(2-ethylhexyl)phtha...	21.281	149	19145	0.38	ng	#	100
35) Indeno(1,2,3-cd)pyrene	26.456	276	17073	0.28	ng		99
37) Benzo(b)fluoranthene	23.079	252	17673	0.23	ng		100
38) Benzo(k)fluoranthene	23.126	252	19802m	0.20	ng		
39) Benzo(a)pyrene	23.724	252	14256	0.20	ng		98
40) Dibenzo(a,h)anthracene	26.484	278	14376	0.24	ng		99
41) Benzo(g,h,i)perylene	27.255	276	16241	0.22	ng		98

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

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