Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040621\
Data File : BE101215.D
Acq On : 6 Apr 2021 14:15
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Apr 06 14:59:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 13:45:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.829	152	3949	0.40	ng		# 0.00
7) Naphthalene-d8	10.614	136	17728	0.40	ng		0.00
13) Acenaphthene-d10	14.443	164	12614	0.40	ng		0.00
19) Phenanthrene-d10	17.196	188	33318	0.40	ng		#-0.01
29) Chrysene-d12	21.366	240	34536	0.40	ng		# 0.01
36) Perylene-d12	23.838	264	24524	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.422	112	14716	1.37	ng		0.00
5) Phenol-d6	6.988	99	23283	1.47	ng		0.00
8) Nitrobenzene-d5	8.977	82	21805	1.56	ng		0.00
11) 2-Methylnaphthalene-d10	12.195	152	66974	1.69	ng		0.00
14) 2,4,6-Tribromophenol	15.956	330	6664	1.69	ng		0.00
15) 2-Fluorobiphenyl	13.074	172	73789	1.61	ng		0.00
27) Fluoranthene-d10	19.219	212	1004172	1.75	ng		0.00
31) Terphenyl-d14	19.817	244	166790	2.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.372	88	9376	1.34	ng		98
3) n-Nitrosodimethylamine	3.671	42	10941	1.53	ng	#	94
6) bis(2-Chloroethyl)ether	7.253	93	21929	1.69	ng		100
9) Naphthalene	10.666	128	310218	1.62	ng		100
10) Hexachlorobutadiene	10.965	225	13516	1.59	ng		98
12) 2-Methylnaphthalene	12.267	142	56327	1.69	ng		98
16) Acenaphthylene	14.169	152	85545	1.70	ng		99
17) Acenaphthene	14.515	154	61401	1.67	ng		99
18) Fluorene	15.503	166	82700	1.75	ng		99
20) 4,6-Dinitro-2-methylph...	15.578	198	7612	1.77	ng	#	73
21) 4-Bromophenyl-phenylether	16.410	248	28095	1.62	ng		97
22) Hexachlorobenzene	16.516	284	27553	1.57	ng		99
23) Atrazine	16.667	200	22324	1.67	ng		98
24) Pentachlorophenol	16.849	266	10279	1.49	ng		98
25) Phenanthrene	17.242	178	161530	1.64	ng		100
26) Anthracene	17.332	178	146311	1.72	ng		99
28) Fluoranthene	19.248	202	227062	1.81	ng		99
30) Pyrene	19.610	202	222245	2.21	ng		99
32) Benzo(a)anthracene	21.342	228	163361	1.57	ng		99
33) Chrysene	21.403	228	188994	1.65	ng		96
34) Bis(2-ethylhexyl)phtha...	21.282	149	112005	0.87	ng		100
35) Indeno(1,2,3-cd)pyrene	26.453	276	141197	1.40	ng		99
37) Benzo(b)fluoranthene	23.078	252	131990	1.76	ng		99
38) Benzo(k)fluoranthene	23.128	252	145334	1.71	ng		100
39) Benzo(a)pyrene	23.727	252	117573	1.77	ng		99
40) Dibenzo(a,h)anthracene	26.477	278	124347	1.91	ng		99
41) Benzo(g,h,i)perylene	27.251	276	129757	1.84	ng		99

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

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