Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE041221\
Data File : BE101284.D
Acq On : 12 Apr 2021 16:52
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC5.0

Quant Time: Apr 12 17:34:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE041221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 12 15:13:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.827	152	2650	0.40	ng		0.00
7) Naphthalene-d8	10.615	136	11061	0.40	ng		# 0.00
13) Acenaphthene-d10	14.444	164	8369	0.40	ng		0.00
19) Phenanthrene-d10	17.196	188	21170	0.40	ng		# 0.00
29) Chrysene-d12	21.354	240	35411	0.40	ng		0.00
36) Perylene-d12	23.842	264	27637	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.432	112	33555	5.38	ng		0.00
5) Phenol-d6	6.998	99	54533	5.57	ng		0.00
8) Nitrobenzene-d5	8.978	82	51669	6.29	ng		0.00
11) 2-Methylnaphthalene-d10	12.196	152	128094	4.98	ng		0.00
14) 2,4,6-Tribromophenol	15.956	330	16148	7.20	ng		0.00
15) 2-Fluorobiphenyl	13.075	172	134005	4.46	ng		0.00
27) Fluoranthene-d10	19.215	212	1982186	5.40	ng		0.00
31) Terphenyl-d14	19.812	244	352877	3.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.359	88	18522	4.58	ng		99
3) n-Nitrosodimethylamine	3.670	42	23509	5.56	ng	#	98
6) bis(2-Chloroethyl)ether	7.251	93	40664	4.50	ng		99
9) Naphthalene	10.667	128	566160	4.71	ng		100
10) Hexachlorobutadiene	10.953	225	23687	4.47	ng		98
12) 2-Methylnaphthalene	12.268	142	108118	5.00	ng		94
16) Acenaphthylene	14.170	152	175761	5.39	ng		99
17) Acenaphthene	14.501	154	115640	4.73	ng		98
18) Fluorene	15.502	166	157311	4.80	ng		99
21) 4-Bromophenyl-phenylether	16.394	248	53121	5.07	ng	#	74
22) Hexachlorobenzene	16.515	284	50346	4.76	ng		100
23) Atrazine	16.666	200	57415	8.03	ng		95
25) Phenanthrene	17.241	178	290812	4.64	ng		99
26) Anthracene	17.332	178	284620	5.32	ng		98
28) Fluoranthene	19.243	202	432935	5.31	ng		98
30) Pyrene	19.605	202	446686	3.49	ng		99
32) Benzo(a)anthracene	21.342	228	533756	5.37	ng		98
33) Chrysene	21.391	228	538936	4.55	ng		98
34) Bis(2-ethylhexyl)phtha...	21.270	149	852956	11.83	ng		99
37) Benzo(b)fluoranthene	23.079	252	484668	5.36	ng		100
38) Benzo(k)fluoranthene	23.129	252	505006	5.03	ng		99
39) Benzo(a)pyrene	23.728	252	418075	5.44	ng		100
40) Dibenzo(a,h)anthracene	26.484	278	300234	4.01	ng		99
41) Benzo(g,h,i)perylene	27.262	276	301937	3.72	ng		100

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

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