Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040621\
Data File : BE101216.D
Acq On : 6 Apr 2021 14:51
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Apr 06 15:38:50 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	7.838	152	3002	0.40	ng		0.00
7) Naphthalene-d8	10.615	136	13740	0.40	ng		0.00
13) Acenaphthene-d10	14.443	164	10569	0.40	ng		0.00
19) Phenanthrene-d10	17.196	188	29108	0.40	ng		#-0.01
29) Chrysene-d12	21.366	240	48855	0.40	ng		# 0.01
36) Perylene-d12	23.834	264	30945	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.419	112	21807	2.67	ng		0.00
5) Phenol-d6	6.997	99	36692	3.05	ng		0.01
8) Nitrobenzene-d5	8.978	82	35777	3.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.195	152	108272	3.53	ng		0.00
14) 2,4,6-Tribromophenol	0.000	330	0d	0.00	ng		
15) 2-Fluorobiphenyl	13.074	172	118199	3.07	ng		0.00
27) Fluoranthene-d10	19.220	212	1944198	3.88	ng		0.00
31) Terphenyl-d14	19.817	244	351784	3.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	13229	2.48	ng		98
3) n-Nitrosodimethylamine	3.669	42	16258	3.00	ng	#	94
6) bis(2-Chloroethyl)ether	7.251	93	32909	3.34	ng		99
9) Naphthalene	10.667	128	486171	3.27	ng		100
10) Hexachlorobutadiene	10.965	225	20814	3.16	ng		99
12) 2-Methylnaphthalene	12.267	142	92337	3.58	ng		98
16) Acenaphthylene	14.169	152	148858	3.54	ng		99
17) Acenaphthene	14.515	154	104210	3.39	ng		98
18) Fluorene	15.503	166	144887	3.66	ng		99
20) 4,6-Dinitro-2-methylph...	15.579	198	17692	4.72	ng	#	71
21) 4-Bromophenyl-phenylether	16.410	248	47941	3.16	ng		99
22) Hexachlorobenzene	16.516	284	47112	3.08	ng		99
24) Pentachlorophenol	16.849	266	22560	3.74	ng		98
25) Phenanthrene	17.242	178	288802	3.35	ng		99
26) Anthracene	17.332	178	269509	3.63	ng		99
28) Fluoranthene	19.248	202	435604	3.98	ng		98
30) Pyrene	19.610	202	444291	3.13	ng		99
32) Benzo(a)anthracene	21.342	228	471335	3.19	ng		98
33) Chrysene	21.402	228	514294	3.16	ng		96
35) Indeno(1,2,3-cd)pyrene	26.445	276	290735	2.04	ng		99
37) Benzo(b)fluoranthene	23.079	252	377164	3.97	ng		100
38) Benzo(k)fluoranthene	23.125	252	408470	3.82	ng		99
39) Benzo(a)pyrene	23.727	252	314573	3.74	ng		99
40) Dibenzo(a,h)anthracene	26.474	278	255788	3.11	ng		99
41) Benzo(g,h,i)perylene	27.248	276	258944	2.91	ng		100

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

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