Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE032421\
Data File : BE101150.D
Acq On : 24 Mar 2021 15:05
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC5.0

Quant Time: Mar 24 15:50:51 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 24 13:22:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	5496	0.40	ng	0.00
7) Naphthalene-d8	10.628	136	21368	0.40	ng	#-0.01
13) Acenaphthene-d10	14.458	164	14654	0.40	ng	-0.01
19) Phenanthrene-d10	17.226	188	34110	0.40	ng	0.00
29) Chrysene-d12	21.378	240	46243	0.40	ng	0.00
36) Perylene-d12	23.860	264	36533	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.434	112	59949	4.48	ng	0.00
5) Phenol-d6	7.001	99	96754	4.65	ng	0.00
8) Nitrobenzene-d5	8.992	82	73872	6.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.210	152	176464	5.14	ng	0.00
14) 2,4,6-Tribromophenol	15.971	330	15619	5.93	ng	0.00
15) 2-Fluorobiphenyl	13.089	172	240215	4.30	ng	-0.01
27) Fluoranthene-d10	19.232	212	2205230	4.96	ng	0.00
31) Terphenyl-d14	19.830	244	478403	4.74	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.384	88	36154	4.00	ng	95
3) n-Nitrosodimethylamine	3.672	42	43995	4.52	ng	# 98
6) bis(2-Chloroethyl)ether	7.277	93	75787	4.51	ng	100
9) Naphthalene	10.680	128	1039005	4.78	ng	100
10) Hexachlorobutadiene	10.979	225	45953	4.66	ng	99
12) 2-Methylnaphthalene	12.282	142	189692	5.11	ng	99
16) Acenaphthylene	14.184	152	297494	5.23	ng	99
17) Acenaphthene	14.530	154	198343	4.87	ng	96
18) Fluorene	15.517	166	258397	4.86	ng	99
21) 4-Bromophenyl-phenylether	16.424	248	74408	4.54	ng	94
22) Hexachlorobenzene	16.530	284	80634	4.78	ng	99
24) Pentachlorophenol	16.863	266	31573	8.36	ng	98
25) Phenanthrene	17.256	178	465369	4.89	ng	99
26) Anthracene	17.347	178	443313	5.40	ng	98
28) Fluoranthene	19.261	202	611936	4.91	ng	98
30) Pyrene	19.623	202	628395	4.81	ng	98
32) Benzo(a)anthracene	21.354	228	612219	5.19	ng	98
33) Chrysene	21.415	228	660240	4.73	ng	99
35) Indeno(1,2,3-cd)pyrene	26.488	276	537157	6.03	ng	99
37) Benzo(b)fluoranthene	23.101	252	541423	5.72	ng	99
38) Benzo(k)fluoranthene	23.151	252	630754	4.94	ng	99
39) Benzo(a)pyrene	23.749	252	513079	5.73	ng	98
40) Dibenzo(a,h)anthracene	26.516	278	460547	6.49	ng	98
41) Benzo(g,h,i)perylene	27.294	276	500642	5.50	ng	100

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

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