Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE041221\
Data File : BE101283.D
Acq On : 12 Apr 2021 16:13
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Apr 12 17:34:29 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	7.830	152	2626	0.40	ng		0.00
7) Naphthalene-d8	10.614	136	10355	0.40	ng		0.00
13) Acenaphthene-d10	14.442	164	6694	0.40	ng		0.00
19) Phenanthrene-d10	17.196	188	14738	0.40	ng		# 0.00
29) Chrysene-d12	21.353	240	19408	0.40	ng		0.00
36) Perylene-d12	23.840	264	19526	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.423	112	24051	3.89	ng		0.00
5) Phenol-d6	7.001	99	36412	3.75	ng		0.00
8) Nitrobenzene-d5	8.977	82	32534	4.23	ng		0.00
11) 2-Methylnaphthalene-d10	12.195	152	76496	3.17	ng		0.00
14) 2,4,6-Tribromophenol	15.956	330	6809	3.80	ng		0.00
15) 2-Fluorobiphenyl	13.074	172	75878	3.16	ng		0.00
27) Fluoranthene-d10	19.216	212	829530	3.24	ng		0.00
31) Terphenyl-d14	19.813	244	139250	2.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	13604	3.39	ng		99
3) n-Nitrosodimethylamine	3.661	42	16578	3.95	ng	#	98
6) bis(2-Chloroethyl)ether	7.254	93	27782	3.10	ng		100
9) Naphthalene	10.666	128	363676	3.23	ng		100
10) Hexachlorobutadiene	10.952	225	15781	3.18	ng		99
12) 2-Methylnaphthalene	12.267	142	63629	3.14	ng		96
16) Acenaphthylene	14.169	152	95797	3.68	ng		99
17) Acenaphthene	14.500	154	61469	3.15	ng		98
18) Fluorene	15.503	166	81317	3.10	ng		98
20) 4,6-Dinitro-2-methylph...	15.578	198	7015	4.25	ng	#	87
21) 4-Bromophenyl-phenylether	16.395	248	26203	3.59	ng	#	77
22) Hexachlorobenzene	16.516	284	24458	3.32	ng		99
23) Atrazine	16.667	200	22792	4.58	ng		94
24) Pentachlorophenol	16.864	266	3001	1.10	ng		98
25) Phenanthrene	17.242	178	139978	3.21	ng		100
26) Anthracene	17.332	178	131226	3.53	ng		99
28) Fluoranthene	19.244	202	182085	3.21	ng		99
30) Pyrene	19.606	202	184860	2.64	ng		99
32) Benzo(a)anthracene	21.341	228	201092	3.69	ng		99
33) Chrysene	21.402	228	207843	3.20	ng		96
34) Bis(2-ethylhexyl)phtha...	21.281	149	312822	7.92	ng		99
35) Indeno(1,2,3-cd)pyrene	26.452	276	234345	4.93	ng		99
37) Benzo(b)fluoranthene	23.078	252	210752	3.30	ng		99
38) Benzo(k)fluoranthene	23.128	252	227445	3.21	ng		100
39) Benzo(a)pyrene	23.726	252	199094	3.67	ng		99
40) Dibenzo(a,h)anthracene	26.484	278	202645	3.83	ng		100
41) Benzo(g,h,i)perylene	27.262	276	204117	3.56	ng		100

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

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