Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE041921\
Data File : BE101308.D
Acq On : 19 Apr 2021 18:09
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC5.0

Quant Time: Apr 19 18:53:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE041921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 19 16:27:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.782	152	3271	0.40	ng		-0.01
7) Naphthalene-d8	10.575	136	12376	0.40	ng		0.00
13) Acenaphthene-d10	14.414	164	8179	0.40	ng		0.00
19) Phenanthrene-d10	17.166	188	17949	0.40	ng		0.00
29) Chrysene-d12	21.318	240	24131	0.40	ng		0.00
36) Perylene-d12	23.769	264	22222	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.375	112	40666	4.19	ng		-0.01
5) Phenol-d6	6.964	99	62643	4.25	ng		0.00
8) Nitrobenzene-d5	8.925	82	56248	4.93	ng		0.00
11) 2-Methylnaphthalene-d10	12.152	152	133411	4.69	ng		0.00
14) 2,4,6-Tribromophenol	0.000	330	0d	0.00	ng		
15) 2-Fluorobiphenyl	13.031	172	136457	4.79	ng		0.00
27) Fluoranthene-d10	19.179	212	1507632	4.80	ng		0.00
31) Terphenyl-d14	19.777	244	259843	4.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.302	88	22923	4.08	ng		92
3) n-Nitrosodimethylamine	3.613	42	27308	4.25	ng	#	96
6) bis(2-Chloroethyl)ether	7.206	93	47034	4.21	ng		98
9) Naphthalene	10.614	128	627607	4.69	ng		100
10) Hexachlorobutadiene	10.913	225	27838	4.87	ng		98
12) 2-Methylnaphthalene	12.224	142	112035	4.75	ng		99
16) Acenaphthylene	14.126	152	171980	5.14	ng		100
17) Acenaphthene	14.471	154	110739	4.76	ng		96
18) Fluorene	15.473	166	147858	4.76	ng		99
20) 4,6-Dinitro-2-methylph...	15.548	198	18043	10.62	ng	#	51
21) 4-Bromophenyl-phenylether	16.365	248	48792	5.26	ng	#	93
22) Hexachlorobenzene	16.471	284	45952	5.15	ng		99
23) Atrazine	16.622	200	42707	5.20	ng		97
24) Pentachlorophenol	16.819	266	9666	13.25	ng	#	86
25) Phenanthrene	17.197	178	249162	4.76	ng		99
26) Anthracene	17.287	178	237894	5.09	ng		99
28) Fluoranthene	19.208	202	330024	4.84	ng		98
30) Pyrene	19.570	202	336240	4.33	ng		99
32) Benzo(a)anthracene	21.306	228	366607	4.85	ng		99
33) Chrysene	21.354	228	370330	4.66	ng		99
34) Bis(2-ethylhexyl)phtha...	21.233	149	565073	5.61	ng		100
35) Indeno(1,2,3-cd)pyrene	26.353	276	375160	4.79	ng		95
37) Benzo(b)fluoranthene	23.017	252	349422	4.68	ng		99
38) Benzo(k)fluoranthene	23.067	252	378448	4.88	ng		98
39) Benzo(a)pyrene	23.659	252	323918	4.82	ng		99
40) Dibenzo(a,h)anthracene	26.378	278	328001	4.91	ng		99
41) Benzo(g,h,i)perylene	27.144	276	325139	4.77	ng		99

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

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