Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE041921\
Data File : BE101306.D
Acq On : 19 Apr 2021 16:55
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Apr 19 17:40:18 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	2823	0.40	ng		-0.01
7) Naphthalene-d8	10.575	136	11520	0.40	ng		0.00
13) Acenaphthene-d10	14.414	164	7532	0.40	ng		0.00
19) Phenanthrene-d10	17.166	188	16852	0.40	ng		0.00
29) Chrysene-d12	21.317	240	22578	0.40	ng		0.00
36) Perylene-d12	23.770	264	21437	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.375	112	12495	1.49	ng		-0.01
5) Phenol-d6	6.964	99	18435	1.45	ng		0.00
8) Nitrobenzene-d5	8.925	82	16089	1.51	ng		0.00
11) 2-Methylnaphthalene-d10	12.152	152	41602	1.57	ng		0.00
14) 2,4,6-Tribromophenol	15.911	330	3302	1.48	ng		0.00
15) 2-Fluorobiphenyl	13.030	172	43387	1.65	ng		0.00
27) Fluoranthene-d10	19.175	212	471546	1.60	ng		0.00
31) Terphenyl-d14	19.773	244	82071	1.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.301	88	7504	1.55	ng		92
3) n-Nitrosodimethylamine	3.612	42	8368	1.51	ng	#	96
6) bis(2-Chloroethyl)ether	7.206	93	14814	1.54	ng		98
9) Naphthalene	10.614	128	200239	1.61	ng		100
10) Hexachlorobutadiene	10.913	225	8739	1.64	ng		97
12) 2-Methylnaphthalene	12.224	142	34759	1.58	ng		100
16) Acenaphthylene	14.125	152	49220	1.60	ng		99
17) Acenaphthene	14.471	154	33960	1.59	ng		97
18) Fluorene	15.473	166	44772	1.56	ng		99
20) 4,6-Dinitro-2-methylph...	15.548	198	3089	1.94	ng	#	57
21) 4-Bromophenyl-phenylether	16.365	248	14884	1.71	ng	#	94
22) Hexachlorobenzene	16.471	284	14022	1.67	ng		99
23) Atrazine	16.622	200	11492	1.49	ng		98
24) Pentachlorophenol	16.818	266	1218	1.78	ng	#	87
25) Phenanthrene	17.196	178	78394	1.60	ng		99
26) Anthracene	17.287	178	71653	1.63	ng		99
28) Fluoranthene	19.204	202	104280	1.63	ng		99
30) Pyrene	19.566	202	105993	1.46	ng		100
32) Benzo(a)anthracene	21.305	228	114300	1.62	ng		99
33) Chrysene	21.353	228	119000	1.60	ng		100
34) Bis(2-ethylhexyl)phtha...	21.244	149	138539	1.47	ng		100
35) Indeno(1,2,3-cd)pyrene	26.356	276	117199	1.60	ng		95
37) Benzo(b)fluoranthene	23.017	252	111740	1.55	ng		99
38) Benzo(k)fluoranthene	23.067	252	119262	1.59	ng		98
39) Benzo(a)pyrene	23.659	252	100884	1.56	ng		99
40) Dibenzo(a,h)anthracene	26.381	278	102377	1.59	ng		98
41) Benzo(g,h,i)perylene	27.144	276	102936	1.57	ng		99

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

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