Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE041921\
Data File : BE101303.D
Acq On : 19 Apr 2021 15:04
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Apr 19 16:35:18 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	2407	0.40	ng		-0.01
7) Naphthalene-d8	10.575	136	9905	0.40	ng		0.00
13) Acenaphthene-d10	14.414	164	5814	0.40	ng		0.00
19) Phenanthrene-d10	17.166	188	14695	0.40	ng		0.00
29) Chrysene-d12	21.317	240	19033	0.40	ng		0.00
36) Perylene-d12	23.770	264	18804	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.375	112	1460	0.20	ng		-0.01
5) Phenol-d6	6.964	99	2074	0.19	ng		0.00
8) Nitrobenzene-d5	8.939	82	1626	0.18	ng		0.01
11) 2-Methylnaphthalene-d10	12.152	152	4312	0.19	ng		0.00
14) 2,4,6-Tribromophenol	15.911	330	228	0.13	ng		0.00
15) 2-Fluorobiphenyl	13.031	172	4448	0.22	ng		0.00
27) Fluoranthene-d10	19.175	212	50044	0.19	ng		0.00
31) Terphenyl-d14	19.773	244	8548	0.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.302	88	1023	0.25	ng		95
3) n-Nitrosodimethylamine	3.624	42	858	0.18	ng		99
6) bis(2-Chloroethyl)ether	7.217	93	1671	0.20	ng		91
9) Naphthalene	10.614	128	21593	0.20	ng		99
10) Hexachlorobutadiene	10.913	225	999	0.22	ng		98
12) 2-Methylnaphthalene	12.224	142	3458	0.18	ng		96
16) Acenaphthylene	14.126	152	4005	0.17	ng		99
17) Acenaphthene	14.472	154	3247	0.20	ng		99
18) Fluorene	15.472	166	4092	0.19	ng		99
20) 4,6-Dinitro-2-methylph...	15.548	198	128	0.09	ng	#	48
21) 4-Bromophenyl-phenylether	16.365	248	1442	0.19	ng		97
22) Hexachlorobenzene	16.470	284	1467	0.20	ng		99
23) Atrazine	16.622	200	968	0.14	ng		98
24) Pentachlorophenol	16.833	266	22	0.04	ng	#	49
25) Phenanthrene	17.196	178	8557	0.20	ng		99
26) Anthracene	17.287	178	6514	0.17	ng		98
28) Fluoranthene	19.210	202	10621	0.19	ng		100
30) Pyrene	19.566	202	10829	0.18	ng		100
32) Benzo(a)anthracene	21.305	228	11124	0.19	ng		99
33) Chrysene	21.354	228	12554	0.20	ng		99
34) Bis(2-ethylhexyl)phtha...	21.233	149	10860	0.14	ng		99
35) Indeno(1,2,3-cd)pyrene	26.349	276	11761	0.19	ng		95
37) Benzo(b)fluoranthene	23.018	252	11657	0.18	ng		97
38) Benzo(k)fluoranthene	23.068	252	12610	0.19	ng		98
39) Benzo(a)pyrene	23.659	252	9793	0.17	ng		98
40) Dibenzo(a,h)anthracene	26.381	278	10195	0.18	ng		98
41) Benzo(g,h,i)perylene	27.144	276	10736	0.19	ng		99

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

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