Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP073021\
Data File : BP006441.D
Acq On : 30 Jul 2021 16:42
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC0.8

Quant Time: Jul 30 18:04:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270-SIM-BP073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 17:01:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.785	152	3428	0.400	ng		0.00
7) Naphthalene-d8	10.546	136	13434	0.400	ng		0.00
13) Acenaphthene-d10	14.390	164	6804	0.400	ng		0.00
19) Phenanthrene-d10	17.135	188	12536	0.400	ng		0.00
29) Chrysene-d12	21.253	240	10993	0.400	ng		0.00
35) Perylene-d12	23.589	264	9655	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.357	112	7829	0.849	ng		0.00
5) Phenol-d6	6.940	99	11118	0.953	ng		0.00
8) Nitrobenzene-d5	8.912	82	10727	1.193	ng		0.00
11) 2-Methylnaphthalene-d10	12.144	152	14949	0.707	ng		0.00
14) 2,4,6-Tribromophenol	15.880	330	2395	0.868	ng		0.00
15) 2-Fluorobiphenyl	13.024	172	21821	0.842	ng		0.00
27) Fluoranthene-d10	19.140	212	27949	0.788	ng		0.00
31) Terphenyl-d14	19.729	244	18431	0.659	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	2782	2.321	ng	#	100
3) n-Nitrosodimethylamine	3.615	42	4635	1.971	ng	#	75
6) bis(2-Chloroethyl)ether	7.204	93	10145	1.108	ng		99
9) Naphthalene	10.587	128	29867	0.857	ng		99
10) Hexachlorobutadiene	10.898	225	5019	0.744	ng	#	97
12) 2-Methylnaphthalene	12.215	142	19340	0.819	ng		99
16) Acenaphthylene	14.100	152	25044	0.810	ng		100
17) Acenaphthene	14.452	154	18489	0.960	ng		100
18) Fluorene	15.446	166	22004	0.909	ng		99
20) 4,6-Dinitro-2-methylph...	15.528	198	2209	2.367	ng		93
21) 4-Bromophenyl-phenylether	16.342	248	6434	0.863	ng		95
22) Hexachlorobenzene	16.441	284	7103	0.977	ng		98
23) Atrazine	16.619	200	5510	0.821	ng		98
24) Pentachlorophenol	16.798	266	3155	1.185	ng		98
25) Phenanthrene	17.175	178	33630	0.973	ng		99
26) Anthracene	17.274	178	29975	0.896	ng		100
28) Fluoranthene	19.164	202	38268	0.968	ng		100
30) Pyrene	19.522	202	38063	1.013	ng		100
32) Benzo(a)anthracene	21.236	228	33339	0.893	ng		99
33) Chrysene	21.288	228	34230	0.966	ng		99
34) Bis(2-ethylhexyl)phtha...	21.167	149	24464	1.144	ng		99
36) Indeno(1,2,3-cd)pyrene	25.997	276	36478	1.036	ng		100
37) Benzo(b)fluoranthene	22.873	252	35402	1.082	ng		95
38) Benzo(k)fluoranthene	22.922	252	32704	1.014	ng		94
39) Benzo(a)pyrene	23.480	252	28817	0.975	ng		92
40) Dibenzo(a,h)anthracene	26.024	278	30699	1.035	ng		98
41) Benzo(g,h,i)perylene	26.735	276	31869	1.065	ng		97

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

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