Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP073021\
Data File : BP006440.D
Acq On : 30 Jul 2021 16:08
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICCC0.4

Quant Time: Jul 30 17:08:24 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	3691	0.400	ng		0.00
7) Naphthalene-d8	10.546	136	14677	0.400	ng		0.00
13) Acenaphthene-d10	14.390	164	7671	0.400	ng		0.00
19) Phenanthrene-d10	17.136	188	14874	0.400	ng		0.00
29) Chrysene-d12	21.253	240	12172	0.400	ng		0.00
35) Perylene-d12	23.584	264	10978	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.357	112	4051	0.408	ng		0.00
5) Phenol-d6	6.941	99	6074	0.484	ng		0.00
8) Nitrobenzene-d5	8.913	82	5722	0.582	ng		0.00
11) 2-Methylnaphthalene-d10	12.144	152	7843	0.340	ng		0.00
14) 2,4,6-Tribromophenol	15.880	330	1225	0.394	ng		0.00
15) 2-Fluorobiphenyl	13.025	172	11818	0.404	ng		0.00
27) Fluoranthene-d10	19.140	212	14841	0.353	ng		0.00
31) Terphenyl-d14	19.730	244	9850	0.318	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	1846	1.430	ng	#	100
3) n-Nitrosodimethylamine	3.615	42	2347	0.927	ng	#	100
6) bis(2-Chloroethyl)ether	7.204	93	5604	0.568	ng		100
9) Naphthalene	10.588	128	16041	0.421	ng		100
10) Hexachlorobutadiene	10.898	225	2752	0.373	ng	#	100
12) 2-Methylnaphthalene	12.216	142	10164	0.394	ng		100
16) Acenaphthylene	14.101	152	12674	0.364	ng		100
17) Acenaphthene	14.453	154	9560	0.441	ng		100
18) Fluorene	15.446	166	11453	0.420	ng		100
20) 4,6-Dinitro-2-methylph...	15.529	198	1125	1.016	ng		100
21) 4-Bromophenyl-phenylether	16.342	248	3431	0.388	ng		100
22) Hexachlorobenzene	16.441	284	3624	0.420	ng		100
23) Atrazine	16.620	200	2814	0.354	ng		100
24) Pentachlorophenol	16.798	266	1682	0.532	ng		100
25) Phenanthrene	17.175	178	17596	0.429	ng		100
26) Anthracene	17.275	178	15444	0.389	ng		100
28) Fluoranthene	19.164	202	20150	0.430	ng		100
30) Pyrene	19.522	202	20565	0.494	ng		100
32) Benzo(a)anthracene	21.236	228	18003	0.436	ng		100
33) Chrysene	21.288	228	18484	0.471	ng		100
34) Bis(2-ethylhexyl)phtha...	21.167	149	13825	0.584	ng		100
36) Indeno(1,2,3-cd)pyrene	25.998	276	18798	0.469	ng		100
37) Benzo(b)fluoranthene	22.873	252	18059	0.486	ng		100
38) Benzo(k)fluoranthene	22.922	252	17616	0.481	ng		100
39) Benzo(a)pyrene	23.481	252	15223	0.453	ng		100
40) Dibenzo(a,h)anthracene	26.019	278	15847	0.470	ng		100
41) Benzo(g,h,i)perylene	26.735	276	16674	0.490	ng		100

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

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