Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093021\
Data File : BN016583.D
Acq On : 29 Sep 2021 20:19
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Sep 30 01:38:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN093021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 01:35:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.651	152	28763	0.400	ng		0.00
7) Naphthalene-d8	10.419	136	124892	0.400	ng		0.00
13) Acenaphthene-d10	14.281	164	63932	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	113780	0.400	ng		0.00
29) Chrysene-d12	21.238	240	110624	0.400	ng		0.00
35) Perylene-d12	23.498	264	112049	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	60428	0.844	ng		0.00
5) Phenol-d6	6.831	99	64820	0.902	ng		0.00
8) Nitrobenzene-d5	8.784	82	60485	0.912	ng		0.00
11) 2-Methylnaphthalene-d10	12.012	152	150160	0.845	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	22873	0.820	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	210026	0.798	ng		0.00
27) Fluoranthene-d10	19.073	212	256814	0.835	ng		0.00
31) Terphenyl-d14	19.688	244	205761	0.863	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.262	88	13003	1.050	ng	#	83
3) n-Nitrosodimethylamine	3.585	42	18219	0.798	ng		96
6) bis(2-Chloroethyl)ether	7.089	93	65250	0.861	ng		100
9) Naphthalene	10.470	128	279148	0.829	ng		100
10) Hexachlorobutadiene	10.749	225	52581	0.790	ng	#	100
12) 2-Methylnaphthalene	12.087	142	177935	0.848	ng		100
16) Acenaphthylene	13.989	152	234390	0.827	ng		100
17) Acenaphthene	14.345	154	152003	0.789	ng		100
18) Fluorene	15.334	166	182720	0.779	ng		99
20) 4,6-Dinitro-2-methylph...	15.423	198	10275	1.481	ng	#	92
21) 4-Bromophenyl-phenylether	16.226	248	57109	0.849	ng	#	67
22) Hexachlorobenzene	16.336	284	67608	0.842	ng		99
23) Atrazine	16.506	200	40037	0.874	ng		99
24) Pentachlorophenol	16.689	266	21649	0.847	ng		100
25) Phenanthrene	17.066	178	279181	0.816	ng		100
26) Anthracene	17.163	178	242427	0.815	ng		100
28) Fluoranthene	19.102	202	315098	0.842	ng		100
30) Pyrene	19.470	202	311734	0.826	ng		100
32) Benzo(a)anthracene	21.227	228	291853	0.851	ng		100
33) Chrysene	21.280	228	308608	0.882	ng		100
34) Bis(2-ethylhexyl)phtha...	21.174	149	112540	1.102	ng		100
36) Indeno(1,2,3-cd)pyrene	25.785	276	368197	1.031	ng		99
37) Benzo(b)fluoranthene	22.820	252	305434	0.816	ng		100
38) Benzo(k)fluoranthene	22.865	252	314373	0.862	ng		97
39) Benzo(a)pyrene	23.399	252	284164	0.828	ng		100
40) Dibenzo(a,h)anthracene	25.805	278	297394	1.198	ng		98
41) Benzo(g,h,i)perylene	26.483	276	321686	0.990	ng		100

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

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