Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093021\
Data File : BN016585.D
Acq On : 29 Sep 2021 21:31
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Sep 30 01:38:36 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	7.652	152	28938	0.400	ng		0.00
7) Naphthalene-d8	10.419	136	119648	0.400	ng		0.00
13) Acenaphthene-d10	14.281	164	61373	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	111595	0.400	ng		0.00
29) Chrysene-d12	21.238	240	109312	0.400	ng		0.00
35) Perylene-d12	23.498	264	114083	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	237449	3.298	ng		0.00
5) Phenol-d6	6.831	99	265752	3.674	ng		0.00
8) Nitrobenzene-d5	8.784	82	272813	4.294	ng		0.00
11) 2-Methylnaphthalene-d10	12.012	152	568193	3.339	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	107638	4.017	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	797915	3.159	ng		0.00
27) Fluoranthene-d10	19.073	212	1027527	3.408	ng		0.00
31) Terphenyl-d14	19.688	244	827352	3.513	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	41273	3.312	ng	#	73
3) n-Nitrosodimethylamine	3.576	42	74867	3.258	ng		98
6) bis(2-Chloroethyl)ether	7.089	93	248534	3.261	ng		100
9) Naphthalene	10.457	128	1038776	3.218	ng		99
10) Hexachlorobutadiene	10.749	225	195094	3.061	ng	#	100
12) 2-Methylnaphthalene	12.083	142	650198	3.236	ng		99
16) Acenaphthylene	13.990	152	961616	3.535	ng		100
17) Acenaphthene	14.345	154	592872	3.207	ng		98
18) Fluorene	15.334	166	718841	3.192	ng		99
20) 4,6-Dinitro-2-methylph...	15.411	198	68999	10.141	ng	#	83
21) 4-Bromophenyl-phenylether	16.226	248	233494	3.538	ng	#	71
22) Hexachlorobenzene	16.336	284	262254	3.328	ng		99
23) Atrazine	16.506	200	194226	4.324	ng		99
24) Pentachlorophenol	16.689	266	121572	4.850	ng		99
25) Phenanthrene	17.066	178	1091840	3.252	ng		100
26) Anthracene	17.163	178	1011064	3.466	ng		100
28) Fluoranthene	19.103	202	1204879	3.283	ng		99
30) Pyrene	19.470	202	1255870	3.370	ng		100
32) Benzo(a)anthracene	21.227	228	1237206	3.651	ng		99
33) Chrysene	21.280	228	1216682	3.521	ng		99
36) Indeno(1,2,3-cd)pyrene	25.785	276	1514747	4.164	ng		99
37) Benzo(b)fluoranthene	22.820	252	1302601	3.420	ng		100
38) Benzo(k)fluoranthene	22.865	252	1232126	3.320	ng	#	96
39) Benzo(a)pyrene	23.399	252	1194489	3.419	ng		99
40) Dibenzo(a,h)anthracene	25.808	278	1240358	4.907	ng		97
41) Benzo(g,h,i)perylene	26.486	276	1330549	4.022	ng		99

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

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