Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093021\
Data File : BN016582.D
Acq On : 29 Sep 2021 19:42
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Sep 30 01:38:06 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	29607	0.400	ng		0.00
7) Naphthalene-d8	10.419	136	130661	0.400	ng		0.00
13) Acenaphthene-d10	14.281	164	65699	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	119026	0.400	ng		0.00
29) Chrysene-d12	21.238	240	113356	0.400	ng		0.00
35) Perylene-d12	23.498	264	118300	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.263	112	29150	0.396	ng		0.00
5) Phenol-d6	6.831	99	30666	0.414	ng		0.00
8) Nitrobenzene-d5	8.784	82	27772	0.400	ng		0.00
11) 2-Methylnaphthalene-d10	12.012	152	73016	0.393	ng		0.00
14) 2,4,6-Tribromophenol	15.779	330	10229	0.357	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	103037	0.381	ng		0.00
27) Fluoranthene-d10	19.073	212	124450	0.387	ng		0.00
31) Terphenyl-d14	19.688	244	99664	0.408	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	5920	0.464	ng		100
3) n-Nitrosodimethylamine	3.585	42	8318	0.354	ng		98
6) bis(2-Chloroethyl)ether	7.089	93	31627	0.406	ng		100
9) Naphthalene	10.470	128	137891	0.391	ng		100
10) Hexachlorobutadiene	10.749	225	25898	0.372	ng	#	100
12) 2-Methylnaphthalene	12.087	142	87441	0.399	ng		100
16) Acenaphthylene	13.990	152	107137	0.368	ng		100
17) Acenaphthene	14.345	154	74474	0.376	ng		100
18) Fluorene	15.334	166	87292	0.362	ng		100
20) 4,6-Dinitro-2-methylph...	15.423	198	3923	0.541	ng		100
21) 4-Bromophenyl-phenylether	16.239	248	27470	0.390	ng		100
22) Hexachlorobenzene	16.336	284	32957	0.392	ng		100
23) Atrazine	16.506	200	17810	0.372	ng		100
24) Pentachlorophenol	16.689	266	9420	0.352	ng		100
25) Phenanthrene	17.066	178	137857	0.385	ng		100
26) Anthracene	17.164	178	113734	0.366	ng		100
28) Fluoranthene	19.103	202	154058	0.394	ng		100
30) Pyrene	19.470	202	151819	0.393	ng		100
32) Benzo(a)anthracene	21.227	228	135718	0.386	ng		100
33) Chrysene	21.281	228	151667	0.423	ng		100
34) Bis(2-ethylhexyl)phtha...	21.174	149	52313	0.500	ng		100
36) Indeno(1,2,3-cd)pyrene	25.785	276	179784	0.477	ng		100
37) Benzo(b)fluoranthene	22.820	252	146606	0.371	ng		100
38) Benzo(k)fluoranthene	22.865	252	155558	0.404	ng		100
39) Benzo(a)pyrene	23.399	252	137218	0.379	ng		100
40) Dibenzo(a,h)anthracene	25.805	278	144827	0.553	ng		100
41) Benzo(g,h,i)perylene	26.479	276	158103	0.461	ng		100

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

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