Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060921\
Data File : BN014849.D
Acq On : 09 Jun 2021 12:10
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Jun 09 12:46:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 12:45:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.708	152	2311	0.40	ng		0.00
7) Naphthalene-d8	10.484	136	9422	0.40	ng		0.00
13) Acenaphthene-d10	14.346	164	6337	0.40	ng		0.00
19) Phenanthrene-d10	17.091	188	13206	0.40	ng		0.00
29) Chrysene-d12	21.303	240	15581	0.40	ng		0.00
35) Perylene-d12	23.561	264	14779	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.329	112	2367	0.31	ng		0.00
5) Phenol-d6	6.887	99	2768	0.28	ng		0.00
8) Nitrobenzene-d5	8.861	82	2674	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.079	152	6560	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.843	330	926	0.24	ng		0.00
15) 2-Fluorobiphenyl	12.963	172	8864	0.37	ng		0.00
27) Fluoranthene-d10	19.138	212	15885	0.36	ng		0.00
31) Terphenyl-d14	19.744	244	14333	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.282	88	248	0.58	ng		100
3) n-Nitrosodimethylamine	3.706	42	211	0.31	ng		94
6) bis(2-Chloroethyl)ether	7.145	93	2080	0.28	ng		100
9) Naphthalene	10.534	128	9673	0.37	ng		100
10) Hexachlorobutadiene	10.826	225	2849	0.41	ng	#	100
12) 2-Methylnaphthalene	12.155	142	6840	0.38	ng		100
16) Acenaphthylene	14.067	152	9349	0.35	ng		100
17) Acenaphthene	14.409	154	6575	0.37	ng		100
18) Fluorene	15.399	166	8447	0.37	ng		100
20) 4,6-Dinitro-2-methylph...	15.488	198	166	0.10	ng		100
21) 4-Bromophenyl-phenylether	16.300	248	3369	0.36	ng		100
22) Hexachlorobenzene	16.410	284	4004	0.41	ng		100
23) Atrazine	16.568	200	1742	0.29	ng		100
24) Pentachlorophenol	16.763	266	559	0.19	ng		96
25) Phenanthrene	17.140	178	14046	0.38	ng		100
26) Anthracene	17.225	178	11893	0.37	ng		100
28) Fluoranthene	19.168	202	17455	0.39	ng		100
30) Pyrene	19.535	202	17428	0.38	ng		100
32) Benzo(a)anthracene	21.281	228	15537	0.34	ng		100
33) Chrysene	21.334	228	19343	0.39	ng		100
34) Bis(2-ethylhexyl)phtha...	21.218	149	4601	0.30	ng		100
36) Indeno(1,2,3-cd)pyrene	25.837	276	14187	0.26	ng		100
37) Benzo(b)fluoranthene	22.883	252	16521	0.34	ng		100
38) Benzo(k)fluoranthene	22.927	252	22064	0.39	ng		100
39) Benzo(a)pyrene	23.461	252	16200	0.35	ng		100
40) Dibenzo(a,h)anthracene	25.851	278	10462	0.24	ng		100
41) Benzo(g,h,i)perylene	26.525	276	15053	0.30	ng		100

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

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