Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042221\
Data File : BN014348.D
Acq On : 21 Apr 2021 09:46
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Apr 21 12:51:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 21 12:48:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.692	152	7025	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	24645	0.40	ng		0.00
13) Acenaphthene-d10	14.321	164	12894	0.40	ng		0.00
19) Phenanthrene-d10	17.068	188	27806	0.40	ng		0.00
29) Chrysene-d12	21.261	240	24686	0.40	ng		0.00
36) Perylene-d12	23.489	264	23962	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	1537	0.10	ng		0.00
5) Phenol-d6	6.863	99	1820	0.09	ng		0.00
8) Nitrobenzene-d5	8.832	82	1965	0.13	ng		0.00
11) 2-Methylnaphthalene-d10	12.057	152	3713	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	398	0.09	ng		0.00
15) 2-Fluorobiphenyl	12.938	172	4895	0.10	ng		0.00
27) Fluoranthene-d10	19.104	212	7054	0.09	ng		0.00
31) Terphenyl-d14	19.710	244	5378	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.255	88	1190	0.13	ng	#	82
6) bis(2-Chloroethyl)ether	7.120	93	1795	0.10	ng		99
9) Naphthalene	10.518	128	6223	0.10	ng		97
10) Hexachlorobutadiene	10.809	225	1369	0.11	ng	#	98
12) 2-Methylnaphthalene	12.133	142	4038	0.10	ng		98
16) Acenaphthylene	14.042	152	5129	0.10	ng		99
17) Acenaphthene	14.384	154	3518	0.10	ng		100
18) Fluorene	15.374	166	4292	0.10	ng		97
20) 4,6-Dinitro-2-methylph...	15.450	198	281	0.10	ng	#	1
21) 4-Bromophenyl-phenylether	16.264	248	1489	0.10	ng		96
22) Hexachlorobenzene	16.374	284	2083	0.11	ng		99
23) Atrazine	16.532	200	874	0.10	ng	#	94
25) Phenanthrene	17.104	178	7766	0.10	ng		99
26) Anthracene	17.201	178	5598	0.09	ng		99
28) Fluoranthene	19.134	202	7686	0.09	ng		100
30) Pyrene	19.496	202	7787	0.11	ng		100
32) Benzo(a)anthracene	21.250	228	6280	0.09	ng		98
33) Chrysene	21.303	228	7855	0.10	ng		98
34) Bis(2-ethylhexyl)phtha...	21.186	149	2989	0.16	ng		96
35) Indeno(1,2,3-cd)pyrene	25.724	276	9204	0.10	ng		99
37) Benzo(b)fluoranthene	22.825	252	8179	0.08	ng	#	78
38) Benzo(k)fluoranthene	22.866	252	8179	0.08	ng	#	83
39) Benzo(a)pyrene	23.393	252	6919	0.09	ng	#	61
40) Dibenzo(a,h)anthracene	25.741	278	7493	0.08	ng	#	90
41) Benzo(g,h,i)perylene	26.405	276	8125	0.08	ng		95

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

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