Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060921\
Data File : BN014847.D
Acq On : 09 Jun 2021 10:47
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Jun 09 12:58:39 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	7.717	152	2195	0.40	ng		0.00
7) Naphthalene-d8	10.496	136	8869	0.40	ng		# 0.01
13) Acenaphthene-d10	14.345	164	5773	0.40	ng		0.00
19) Phenanthrene-d10	17.103	188	11919	0.40	ng		# 0.01
29) Chrysene-d12	21.302	240	13084	0.40	ng		# 0.00
35) Perylene-d12	23.560	264	13351	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.338	112	615	0.09	ng		0.00
5) Phenol-d6	6.896	99	671	0.07	ng		0.00
8) Nitrobenzene-d5	8.874	82	654	0.08	ng		0.01
11) 2-Methylnaphthalene-d10	12.092	152	1705	0.10	ng		0.01
14) 2,4,6-Tribromophenol	15.855	330	205	0.06	ng		0.01
15) 2-Fluorobiphenyl	12.975	172	2139	0.10	ng		0.01
27) Fluoranthene-d10	19.143	212	4112	0.10	ng		0.00
31) Terphenyl-d14	19.748	244	3333	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	74	0.18	ng		90
6) bis(2-Chloroethyl)ether	7.154	93	465	0.07	ng	#	95
9) Naphthalene	10.534	128	2470	0.10	ng	#	92
10) Hexachlorobutadiene	10.825	225	723	0.11	ng	#	97
12) 2-Methylnaphthalene	12.163	142	1704	0.10	ng		97
16) Acenaphthylene	14.066	152	2262	0.09	ng		100
17) Acenaphthene	14.409	154	1624	0.10	ng		98
18) Fluorene	15.398	166	2061	0.10	ng		99
20) 4,6-Dinitro-2-methylph...	15.513	198	23	0.02	ng	#	32
21) 4-Bromophenyl-phenylether	16.300	248	794	0.09	ng	#	80
22) Hexachlorobenzene	16.409	284	1028	0.12	ng		100
23) Atrazine	16.568	200	418	0.08	ng	#	91
25) Phenanthrene	17.140	178	3398	0.10	ng		99
26) Anthracene	17.237	178	2651	0.09	ng		99
28) Fluoranthene	19.173	202	3982	0.10	ng		100
30) Pyrene	19.535	202	4084	0.11	ng		99
32) Benzo(a)anthracene	21.292	228	3322	0.09	ng		96
33) Chrysene	21.345	228	4695	0.11	ng		98
34) Bis(2-ethylhexyl)phtha...	21.228	149	1231	0.10	ng		97
36) Indeno(1,2,3-cd)pyrene	25.840	276	2826	0.06	ng	#	73
37) Benzo(b)fluoranthene	22.886	252	3750	0.09	ng	#	78
38) Benzo(k)fluoranthene	22.930	252	4823	0.10	ng	#	88
39) Benzo(a)pyrene	23.464	252	3637	0.09	ng	#	54
40) Dibenzo(a,h)anthracene	25.860	278	1918	0.05	ng	#	74
41) Benzo(g,h,i)perylene	26.531	276	3207	0.07	ng	#	90

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

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