Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060321\
Data File : BN014834.D
Acq On : 03 Jun 2021 20:06
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN060321

Quant Time: Jun 04 05:28:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 04 05:24:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.709	152	310	0.400	ng		0.00
7) Naphthalene-d8	10.483	136	1131	0.400	ng		# 0.00
13) Acenaphthene-d10	14.345	164	795	0.400	ng		0.00
19) Phenanthrene-d10	17.103	188	1775	0.400	ng		# 0.00
29) Chrysene-d12	21.302	240	2284	0.400	ng		# 0.00
35) Perylene-d12	23.556	264	2315	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.308	112	226	0.365	ng		0.00
5) Phenol-d6	6.889	99	293	0.363	ng		0.00
8) Nitrobenzene-d5	8.860	82	326	0.364	ng		0.00
11) 2-Methylnaphthalene-d10	12.087	152	747	0.364	ng		0.00
14) 2,4,6-Tribromophenol	15.854	330	126	0.345	ng		0.00
15) 2-Fluorobiphenyl	12.974	172	1070	0.378	ng		0.00
27) Fluoranthene-d10	19.142	212	2245	0.357	ng		0.00
31) Terphenyl-d14	19.748	244	2080	0.376	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	159	0.376	ng	#	85
6) bis(2-Chloroethyl)ether	7.150	93	219	0.295	ng	#	70
9) Naphthalene	10.533	128	1184	0.380	ng		96
10) Hexachlorobutadiene	10.825	225	347	0.392	ng	#	100
12) 2-Methylnaphthalene	12.163	142	778	0.370	ng		97
16) Acenaphthylene	14.066	152	1001	0.353	ng		97
17) Acenaphthene	14.408	154	843	0.384	ng		97
18) Fluorene	15.410	166	1073	0.366	ng		99
20) 4,6-Dinitro-2-methylph...	15.512	198	19	0.387	ng		89
21) 4-Bromophenyl-phenylether	16.299	248	431	0.380	ng	#	89
22) Hexachlorobenzene	16.409	284	575	0.393	ng		99
23) Atrazine	16.567	200	238	0.363	ng	#	82
24) Pentachlorophenol	16.774	266	50	0.226	ng	#	89
25) Phenanthrene	17.139	178	1856	0.381	ng		98
26) Anthracene	17.236	178	1355	0.355	ng		99
28) Fluoranthene	19.172	202	2430	0.373	ng		99
30) Pyrene	19.534	202	2462	0.373	ng		97
32) Benzo(a)anthracene	21.291	228	2057	0.366	ng		95
33) Chrysene	21.333	228	2916	0.379	ng		96
34) Bis(2-ethylhexyl)phtha...	21.217	149	632	0.398	ng		90
36) Indeno(1,2,3-cd)pyrene	25.829	276	3666	0.387	ng	#	97
37) Benzo(b)fluoranthene	22.878	252	3127	0.377	ng	#	86
38) Benzo(k)fluoranthene	22.923	252	3307	0.351	ng	#	92
39) Benzo(a)pyrene	23.460	252	2832	0.393	ng	#	77
40) Dibenzo(a,h)anthracene	25.846	278	2944	0.377	ng	#	91
41) Benzo(g,h,i)perylene	26.517	276	3484	0.389	ng		96

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

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