Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
Data File : BN031425.D
Acq On : 07 May 2024 17:03
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN050724

Quant Time: May 07 17:30:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:14:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.567	152	6443	0.400	ng		0.00
7) Naphthalene-d8	10.336	136	16305	0.400	ng		0.00
13) Acenaphthene-d10	14.210	164	11520	0.400	ng		0.00
19) Phenanthrene-d10	16.967	188	18093	0.400	ng		0.00
29) Chrysene-d12	21.175	240	20245	0.400	ng		0.00
35) Perylene-d12	23.361	264	18492	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.162	112	5732	0.380	ng		0.00
5) Phenol-d6	6.743	99	6586	0.367	ng		0.00
8) Nitrobenzene-d5	8.713	82	5292	0.370	ng		0.00
11) 2-Methylnaphthalene-d10	11.937	152	11307	0.555	ng		0.00
14) 2,4,6-Tribromophenol	15.713	330	1662	0.293	ng		0.00
15) 2-Fluorobiphenyl	12.831	172	15527	0.364	ng		0.00
27) Fluoranthene-d10	19.007	212	24675	0.504	ng		0.00
31) Terphenyl-d14	19.616	244	19769	0.385	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.103	88	2932	0.381	ng		99
3) n-Nitrosodimethylamine	3.421	42	2838	0.370	ng	#	99
6) bis(2-Chloroethyl)ether	7.003	93	6300	0.376	ng		99
9) Naphthalene	10.389	128	14906	0.327	ng		99
10) Hexachlorobutadiene	10.667	225	3739	0.393	ng	#	99
12) 2-Methylnaphthalene	12.013	142	13280	0.564	ng		97
16) Acenaphthylene	13.932	152	18067	0.357	ng		100
17) Acenaphthene	14.274	154	13301	0.384	ng		99
18) Fluorene	15.268	166	17778	0.397	ng		100
20) 4,6-Dinitro-2-methylph...	15.365	198	1212	0.455	ng		92
21) 4-Bromophenyl-phenylether	16.160	248	4717	0.452	ng		95
22) Hexachlorobenzene	16.271	284	5780	0.483	ng		99
23) Atrazine	16.445	200	3441	0.420	ng		99
24) Pentachlorophenol	16.619	266	1693	0.405	ng		98
25) Phenanthrene	17.004	178	22050	0.425	ng		100
26) Anthracene	17.103	178	19415	0.445	ng		99
28) Fluoranthene	19.035	202	31760	0.501	ng		100
30) Pyrene	19.402	202	32023	0.459	ng		100
32) Benzo(a)anthracene	21.157	228	25781	0.369	ng		100
33) Chrysene	21.211	228	28596	0.393	ng		99
34) Bis(2-ethylhexyl)phtha...	21.095	149	11936	0.323	ng		95
36) Indeno(1,2,3-cd)pyrene	25.545	276	26732	0.358	ng		99
37) Benzo(b)fluoranthene	22.703	252	27766	0.383	ng		98
38) Benzo(k)fluoranthene	22.747	252	27912	0.392	ng		99
39) Benzo(a)pyrene	23.265	252	23579	0.387	ng		97
40) Dibenzo(a,h)anthracene	25.557	278	21306	0.362	ng		98
41) Benzo(g,h,i)perylene	26.212	276	23901	0.400	ng		99

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

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