Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041124\
Data File : BN030849.D
Acq On : 11 Apr 2024 19:29
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Apr 12 01:05:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 12 01:02:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	5869	0.400	ng		0.00
7) Naphthalene-d8	10.453	136	18343	0.400	ng		0.00
13) Acenaphthene-d10	14.316	164	11252	0.400	ng		0.00
19) Phenanthrene-d10	17.065	188	26343	0.400	ng		0.00
29) Chrysene-d12	21.258	240	22302	0.400	ng		0.00
35) Perylene-d12	23.492	264	18499	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.270	112	10614	0.768	ng		0.00
5) Phenol-d6	6.845	99	13107	0.758	ng		0.00
8) Nitrobenzene-d5	8.820	82	10219	0.770	ng		0.00
11) 2-Methylnaphthalene-d10	12.047	152	22856	0.786	ng		0.00
14) 2,4,6-Tribromophenol	15.812	330	3646	0.742	ng		0.00
15) 2-Fluorobiphenyl	12.937	172	30996	0.778	ng		0.00
27) Fluoranthene-d10	19.098	212	56963	0.799	ng		0.00
31) Terphenyl-d14	19.702	244	44482	0.779	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	5029	0.756	ng		92
3) n-Nitrosodimethylamine	3.530	42	5397	0.794	ng		98
6) bis(2-Chloroethyl)ether	7.104	93	12943	0.787	ng		100
9) Naphthalene	10.507	128	39687	0.781	ng		99
10) Hexachlorobutadiene	10.784	225	7912	0.781	ng	#	98
12) 2-Methylnaphthalene	12.123	142	27002	0.783	ng		99
16) Acenaphthylene	14.028	152	39186	0.767	ng		100
17) Acenaphthene	14.370	154	27257	0.781	ng		100
18) Fluorene	15.364	166	36944	0.791	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	2199	0.710	ng	#	81
21) 4-Bromophenyl-phenylether	16.258	248	12120	0.771	ng		99
22) Hexachlorobenzene	16.358	284	14328	0.784	ng		99
23) Atrazine	16.532	200	8718	0.755	ng		98
24) Pentachlorophenol	16.718	266	4604	0.719	ng		91
25) Phenanthrene	17.102	178	60713	0.784	ng		100
26) Anthracene	17.189	178	51040	0.773	ng		100
28) Fluoranthene	19.131	202	73873	0.800	ng		100
30) Pyrene	19.493	202	74244	0.774	ng		100
32) Benzo(a)anthracene	21.240	228	60996	0.770	ng		97
33) Chrysene	21.294	228	65620	0.791	ng		99
34) Bis(2-ethylhexyl)phtha...	21.178	149	27939	0.685	ng		100
36) Indeno(1,2,3-cd)pyrene	25.738	276	57081	0.780	ng		100
37) Benzo(b)fluoranthene	22.817	252	60905	0.781	ng		95
38) Benzo(k)fluoranthene	22.864	252	59459	0.795	ng		96
39) Benzo(a)pyrene	23.390	252	49565	0.775	ng	#	92
40) Dibenzo(a,h)anthracene	25.752	278	45540	0.783	ng		97
41) Benzo(g,h,i)perylene	26.425	276	49260	0.779	ng		98

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

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