Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040523\
Data File : BN024755.D
Acq On : 04 Apr 2023 20:25
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Apr 05 02:11:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 05 02:07:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.960	152	9329	0.400	ng		0.00
7) Naphthalene-d8	10.770	136	25682	0.400	ng		0.00
13) Acenaphthene-d10	14.600	164	15637	0.400	ng		0.00
19) Phenanthrene-d10	17.338	188	33042	0.400	ng		0.00
29) Chrysene-d12	21.529	240	31517	0.400	ng	#	0.00
35) Perylene-d12	23.989	264	27783	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.505	112	16101	0.747	ng		0.00
5) Phenol-d6	7.115	99	20119	0.740	ng		0.00
8) Nitrobenzene-d5	9.115	82	15816	0.764	ng		-0.01
11) 2-Methylnaphthalene-d10	12.354	152	26238	0.771	ng		0.00
14) 2,4,6-Tribromophenol	16.085	330	4967	0.706	ng		0.00
15) 2-Fluorobiphenyl	13.221	172	44348	0.742	ng		0.00
27) Fluoranthene-d10	19.370	212	55192	0.737	ng		0.00
31) Terphenyl-d14	19.964	244	51741	0.724	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.353	88	7901	0.771	ng		98
3) n-Nitrosodimethylamine	3.685	42	13181	0.758	ng	#	98
6) bis(2-Chloroethyl)ether	7.375	93	20975	0.761	ng		100
9) Naphthalene	10.813	128	49138	0.743	ng		99
10) Hexachlorobutadiene	11.101	225	9467	0.751	ng	#	99
12) 2-Methylnaphthalene	12.429	142	35358	0.769	ng		100
16) Acenaphthylene	14.312	152	47040	0.716	ng		99
17) Acenaphthene	14.654	154	32604	0.733	ng		100
18) Fluorene	15.637	166	45581	0.747	ng		100
20) 4,6-Dinitro-2-methylph...	15.725	198	3012	0.662	ng		86
21) 4-Bromophenyl-phenylether	16.531	248	14233	0.731	ng		99
22) Hexachlorobenzene	16.643	284	16434	0.745	ng		99
23) Atrazine	16.805	200	9562	0.721	ng		99
24) Pentachlorophenol	17.016	266	4001	0.637	ng		93
25) Phenanthrene	17.376	178	71268	0.743	ng		100
26) Anthracene	17.475	178	61376	0.734	ng		100
28) Fluoranthene	19.400	202	80091	0.735	ng		100
30) Pyrene	19.766	202	80762	0.721	ng		100
32) Benzo(a)anthracene	21.511	228	75038	0.704	ng		98
33) Chrysene	21.565	228	80278	0.719	ng		98
34) Bis(2-ethylhexyl)phtha...	21.440	149	35995	0.629	ng		99
36) Indeno(1,2,3-cd)pyrene	26.556	276	90757	0.745	ng		99
37) Benzo(b)fluoranthene	23.237	252	77519	0.736	ng	#	94
38) Benzo(k)fluoranthene	23.284	252	77743	0.745	ng		96
39) Benzo(a)pyrene	23.883	252	74392	0.738	ng	#	90
40) Dibenzo(a,h)anthracene	26.576	278	72269	0.754	ng		98
41) Benzo(g,h,i)perylene	27.342	276	77561	0.747	ng		99

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

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